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SELECTED AQUACULTURE PUBLICATIONS: SERIALS, NEWSLETTERS, MEETING PROCEEDINGS, AND BIBLIOGRAPHIES/DIRECTORIES/GLOSSARIES

compiled by

André G. Coche
Inland Water Resources and Aquaculture Service
Fishery Resources and Environment Division

FOOD AND AGRICULTURE ORGANIZATION OF THE UNITED NATIONS
ROME, March 1991

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PREPARATION OF THIS DOCUMENT

These selected lists of publications relating to aquaculture include serials, newsletters, proceedings/reports of meetings and bibliographies/directories/glossaries. The serials and newsletters are listed in alphabetical order and detailed information is provided on place, initial date, frequency and language of publication. A standard abbreviated form of the title is also suggested. Except for the proceedings/reports of regular meetings, the last two are arranged in chronological order either by year of meeting (proceedings/reports) or by date of publication (bibliographies/directories/glossaries). For each particular year, the titles are then listed in alphabetical order of author's name.

As appropriate, separate indexes are given for each of the four lists of publications. They may help to locate and retrieve published information according to author/association/institution, geographical area, or aquaculture subject. Lists of abbreviations (page vi) and acronyms (page vii) are given separately.

The present circular completes the information on aquaculture literature provided earlier in similar lists published in the same series as follows:

(i) **Aquaculture in marine waters.** A list of selected reference books and monographs, 1957-1987. FAO Fish.Circ., (723)Rev.3:35 p. 1988

(ii) **Aquaculture in fresh waters.** A list of selected reference books and monographs, 1951-1987. FAO Fish.Circ., (724)Rev.3:37 p. 1988

(iii) **A list of selected FAO publications related to aquaculture, 1966-1989.** FAO Fish.Circ., (744)Rev.2:60 p. 1990

It is planned that subsequent revisions will make it possible to keep these lists current. Suggestions of modifications which should be introduced would be welcome from users. They should be addressed to the Inland Water Resources and Aquaculture Service (FIRI), FAO, 00100 Rome, Italy.

FAO Fisheries Circular (FAO Fish.Circ.)

A vehicle for distribution of short or ephemeral notes, lists, etc., including provisional versions of documents to be issued later in other series.

Coche, A.G. (comp.)
Selected aquaculture publications: serials, newsletters, meeting proceedings and bibliographies/directories/ glossaries.
FAO Fisheries Circular. No. 808, Rev.1. Rome, FAO. 1991. 133p.

ABSTRACT

Four lists of selected publications related to aquaculture contain:

(i) 152 titles of regular serials and 88 titles of irregular serials/annuals, with information on location, date, frequency and languages of publication;

(ii) 92 titles of newsletters and similar information;

(iii) 18 references for the proceedings/reports of regular meetings and 252 references for meetings held in 1966-1990;

(iv) 191 references for bibliographies/directories/ glossaries.

Author, geographic and subject indexes provide further assistance in locating the information.

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ABBREVIATIONS

1. Abbreviations used for the identification of publication type

S	Serials and annuals
N	Newsletters
P	Proceedings and reports of meetings
B	Bibliographies/Directories/Glossaries (BDG)

2. Abbreviations used for the general description of publications

From:	year of first publication
F:	frequency of publication (see abbreviations under 3)
LT:	language(s) of the text (see abbreviations under 4)
LS:	language(s) of the summary/abstract (see abbreviations under 4)
Abbr.:	short form of title based on the American Standards Institute, Standards Committee 239, prepared for the UNISIST/ICSU-AB Working Group on Bibliographic Descriptions
Rem.:	remarks

3. Abbreviations used for frequency of publication

A	year	4/A	4 times a year
M	month	3/M	3 times a month
Irr.	irregular	1/2A	once every second year

4. Abbreviations used for languages

Af	Afrikaans	Hu	Hungarian
Ar	Arabic	In	Indonesian
Bg	Bulgarian	It	Italian
Ch	Chinese	Ja	Japanese
Cs	Czech	Ko	Korean
De	German	Nl	Dutch
En	English	No	Norwegian
Es	Spanish	Pl	Polish
Fi	Finnish	Pt	Portuguese
Fr	French	Ro	Romanian
Hi	Hindi	Ru	Russian

ACRONYMS

ADCP	Aquaculture Development and Coordination Programme (FAO)
CIFA/ CPCA	Committee for Inland Fisheries of Africa/ Comité des Pêches Continentales pour l'Afrique (FAO)
CNEXO	Centre National pour l'Exploitation des Océans (see IFREMER)
COPESCAL	Comisión de Pesca Continental para América Latina (FAO)
COPRAQ	Cooperative Programme of Research on Aquaculture
EIFAC/ CECPI	European Inland Fishery Advisory Commission/ Commission Européenne Consultative pour les Pêches dans les Eaux Intérieures (FAO)
FAO	Food and Agriculture Organization of the United Nations (Rome, Italy)
GFCM/ CGPM	General Fisheries Council for the Mediterranean/ Conseil Général des Pêches pour la Méditerranée (FAO)
ICES/ CIEM	International Council for the Exploration of the Sea/ Conseil International pour l'Exploration de la Mer (Charlottenlund, Denmark)
ICLARM	International Center for Living Aquatic Resources Management (Manila, Philippines)
IDRC	International Development Research Centre (Ottawa, Canada)
IFREMER	Institut Français de Recherche pour l'Exploitation de la Mer (Paris)
IFS	International Foundation for Science (Stockholm, Sweden)
IPFC	Indo-Pacific Fisheries Commission (FAO)
OIE	Office International des Epizooties (Paris, France)
SCSP	South China Sea Fisheries Development Coordinating Programme (FAO)
SEAFDEC	Southeast Asian Fisheries Development Center (Bangkok, Thailand)
UNDP	United Nations Development Programme (New York, USA)
UNEP	United Nations Environment Programme (Nairobi, Kenya)

PART 1 - SERIALS AND ANNUALS

1.1 LIST OF REGULAR SERIALS

S005 **Acquavisión,** Cuajmalpa. Fideicomiso Fondo Nacional para el Desarrollo Pesquero, Av. Prolongación Benito Juárez 27, Col. El Contadero, Cuajmalpa D.F., México 05500

From: 1985 F: 6/A LT: Es
Abbr.: Acquavisión
Rem.: Subtitled "Revista Mexicana de acuacultura"

S010 **Acta Hydrobiologica**, Kraków. Polish Academy of Sciences, Laboratory of Water Biology, Kraków, 31-016, Poland

From: 1959 F: 4/A LT: En LS: En/Pl
Abbr.: Acta Hydrobiol., Cracow
Rem.: Journal of the Polish Academy of Sciences, Laboratory of Water Biology

S011 **Acta Ichthyologica et Piscatoria**, Szczecin. Akademia Rolnicza w Szczecinie, ul. Janesika 8, 71-424 Szczecin, Poland

From: 1970 F: 2/A LT: En LS: En/Pl/Ru
Abbr.: Acta Ichthyol.Pisc.

S012 **Acta Oceanologica Sinica**, Tientsin. Chinese Society of Oceanography, Marine Scientific and Technological Data Centre, Tientsin, China

From: 1980 F: 3/A LT: Ch LS: En
Abbr.: Acta Oceanol.Sin.
Rem.: Previously "Acta Oceanologia Sinica" (1979)

S013 **Agricultural Administration**, Barking. Applied Science Publishers Ltd., Ripple Road, Barking, Essex IG11 OSA, England, UK

From: 1974 F: 4/A LT: En LS: En
Abbr.: Agric.Adm.

S014 **Agricultural Systems**, Barking. Applied Science Publishers Ltd., Ripple Road, Barking, Essex IG11 OSA, England, UK

From: 1976 F: 4/A LT: En LS: En
Abbr.: Agric.Syst.

S015 **Agricultural Wastes**, Barking. Applied Science Publishers Ltd., Ripple Road, Barking, Essex IG11 OSA, England, UK

From: 1979 F: 4/A LT: En LS: En
Abbr.: Agric.Wastes

S016 **Amazoniana**, Kiel. Kommissions-Verlag Walter G. Muehlau, Kiel, Germany

From: 1965 F: 3/A LT: De/En/Pt LS: En/De/Pt
Abbr.: Amazoniana
Rem.: Subtitle: Limnologia et oecologia regionalis systemae fluminis amazonas

S016.1 **Ambio**, Stockholm. Royal Swedish Academy of Sciences, Box 50005, Stockholm, S-10405, Sweden

From: 1972 F: 6/A LT: En LS: En
Abbr.: Ambio
Rem.: Subtitled "A journal of the human environment"

S017 **American Fisheries Society, Transactions**, Lawrence. American Fisheries Society, 5410 Grosvenor Lane, Bethesda, Maryland 20814, USA. Allen Press, Inc., Lawrence, Kansas 66044, USA

From: 1872 F: 4/A LT: En LS: En
Abbr.: Trans.Am.Fish.Soc.

S018 **Appropriate Technology**, London. Intermediate Technology Publications Ltd., 9 King Street, London WC2E 8HN, England, UK

From: 1974 F: 4/A LT: En
Abbr.: Appropr.Technol.

S018.5 **Aqua Revue**, Bordeaux. Société d'Edition Aqua Presse, 55 cours Georges-Clémenceau, F-33000 Bordeaux, France

From: 1985 F: 6/A LT: Fr LS: Fr
Abbr.: Aqua Rev.

S019 **Aquacultural Engineering**, Barking. Applied Science Publishers Ltd., Ripple Road, Barking, Essex IG11 OSA, England, UK

From: 1982 F: 4/A LT: En LS: En
Abbr.: Aquacult.Eng.

S020 **Aquaculture**, Amsterdam. Elsevier Scientific Publishing Co., P.O. Box 211, Amsterdam, 1000 AE, The Netherlands

From: 1972 F: up to 16/A LT: En/Fr LS: En/Fr
Abbr.: Aquaculture
Rem.: Cumulative index vol.1-25 was published in 1981 as vol.25(4):313-404

S021 **Aquaculture Europe**, Bredene. European Aquaculture Society, Prinses Elisabethlaan, 69. Bredene, B-8450, Belgium

From: 1990 F: 4/A LT:: En
Abbr.: Aquacult. Europe
Rem.: Previously European Mariculture Society Quarterly Newsletter (1976-84) and European Aquaculture Society Quarterly Newsletter (1985-1990)

S022 **Aquaculture and the Fish Farmer**, Little Rock. Damascus Publishing Co., 1880 Union National Plaza, Little Rock, Arkansas 72203, USA

From: 1974 F: 6/A LT: En
Abbr.: Aquacult.Fish Farmer

S022.1 **Aquaculture and Fisheries Management**, Oxford. Blackwell Scientific Publications Ltd., P.O. Box 88, Oxford, England, UK

From: 1985 F: 4/A LT: En LS: En
Abbr.: Aquacult.Fish.Manage.
Rem.: Subtitled "Journal of the Institute of Fisheries Management"
Formerly "Fisheries Management" 1970-1984

S022.5 **Aquaculture Ireland**, Dublin. The Editor, Aquaculture Ireland, P.O. Box 275, Ballsbridge, Dublin 4, Ireland

From: 1980 F: 6/A LT: En LS: En
Abbr.: Aquacult.Ire.
Rem.: Incorporates the "Irish Aquaculturist Newsletter" of the Irish Aquaculture Association, see ref. N040

S023 **Aquaculture Magazine**, Asheville. Achill River Corp., P.O. Box 2329, Asheville, North Carolina 28802, USA

From: 1979 F: 7/A LT: En LS: En
Abbr.: Aquacult.Mag.
Rem.: Supersedes: "Commercial Fish Farmer and Aquaculture News"; incorporates: "Catfish Farmer, Fish Farming Industries, American Trout News, American Fish Farmer and World Aquaculture News"

S023.5 **Aquanet Cultivos**, Guayaquil. Aquanet cultivos, P.O. Box 3821, Guayaquil, Ecuador.

From: 1983 F: 4/A LT: Sp
Abbr.: Aquanet Cult., Guayaquil

S024 **Aquarist and Pondkeeper**, Brentford. Buckley Press Ltd., The Butts, Half Acre, Brentford, Middlesex, TW8 8BN, England, UK

From: 1928 F: 12/A LT: En
Abbr.: Aquar.Pondkeep.

S025 **Aquatic Botany**, Amsterdam. Elsevier Scientific Publishing Co., P.O. Box 211, Amsterdam, 1000 AE, The Netherlands

From: 1975 F: 12/A LT: En LS: En
Abbr.: Aquat.Bot.
Rem.: Subtitled "An international scientific journal dealing with applied and fundamental research on submerged, floating and emergent plants in marine and freshwater ecosystems"

S026 **Aquatic Living Resources**, Paris. Chief Editor B. Milcendeau, IFREMER, BP 1049 - F44037 Nantes Cedex 01, France.

From: 1988 F 4/A LT: En/Fr/Sp LS: En/Fr
Abbr.: Aquat. Living Resour.
Rem.: Subtitled "Resources vivantes aquatiques"; journal scientifically supported by IFREMER, INRA, CNRS, ORSTOM and CEMAGREF

S027 **Aquiculture**, Tungkang. Taiwan Fisheries Research Institute, Tungkang Marine Laboratory, Tungkang, Pingtung, Taiwan 916, China

From: 1970 F: 4/A LT: Ch/En LS: Ch/En
Abbr.: Aquiculture
Rem.: Vol.1 nos.1-4 issued jointly by Taiwan Fish Culture Station and Tungkang Marine Laboratory; title also in Chinese

S028 **Archiv fuer Fischereiwissenschaft**, Hamburg. Bundesforschungsanstalt fuer Fischerei, Palmaille 9, D-2000 Hamburg 50, Germany

From: 1948 F: 3-4/A LT: De/En/Fr LS: De/En
Abbr.: Arch.Fischereiwiss.

S029 **Archiv fuer Hydrobiologie**, Stuttgart. International Association of Theoretical and Applied Limnology, E. Schweizerbart'sche Verlagsbuchhandlung, Johannestr. 3A, 7000 Stuttgart 1, Germany

From: 1906 F: 12/A LT: De/En/Fr LS: De/En/Fr
Abbr.: Arch.Hydrobiol.

S029.1 **Asian Fisheries Science**, Manila. Asian Fisheries Society, c/o ICLARM, MCC PO Box 1501, Makati, Metro Manila, Philippines.

From: 1988 F: 2/A LT: En LS: En
Abbr.: Asian Fish. Sci.
Rem: Journal of the Asian Fisheries Society

S029.2 **L'Astaciculteur de France**, Thonon. Dr. P.J. Laurent, INRA, F-74203 Thonon, France.

From: F: 4/A LT: Fr
Abbr.: Astacicult. France
Rem. Official publication of the "Association des Astaciculteurs de France"

S029.3 **Atlantic Aquaculture**, Montague. J. Gracey, Editor, Island Press Ltd, P.O. Box 790, Montague, PEI, Canada COA IRO

From: 1988 F: 12/A LT: En
Abbr.: Atlantic Aquacult.

S029.5 **Austasia Aquaculture Magazine**, East Victoria Park, Australia. Editor D. O'Sullivan, Austasia Aquaculture Magazine, P.O. Box 1257, East Victoria Park, WA 6101, Australia

From: 1986 F: 12/A LT: En
Abbr.: Austasia Aquacult.Mag.

S031 **Australian Aquaculture**, Waga Waga. Inland Fish Farmers Association of Australia, R.M.B. 626 Sturt Highway, Waga Waga, N.S.W. 2650, Australia

From: 1979 F: 2/A LT: En
Abbr.: Aust.Aquacult.

S032 **Australian Fisheries**, Canberra. Department of Primary Industry, Fisheries Division, Broughton St., Barton, Canberra, ACT 2600, Australia

From: 1969 F: 12/A LT: En
Abbr.: Aust.Fish.
Rem.: Supersedes Fisheries Newsletter (1941-64) and Australian Fisheries Newsletter (1965-68)

S033 **Australian Journal of Marine and Freshwater Research**, Melbourne. Commonwealth Scientific and Industrial Research Organization, 314 Albert St., East Melbourne, Victoria 3002, Australia

From: 1950 F: 6/A LT: En LS: En
Abbr.: Aust.J.Mar.Freshwat.Res.
Rem.: A journal for contributions in marine, estuarine or freshwater research

___ **Bamidgeh**, Nir-David: see "The Israeli Journal of Aquaculture - Bamidgeh" (ref.S074)

S034.5 **Bois et Forêts des Tropiques**, Paris. Centre Technique Forestier Tropical, 45 bis Avenue de la Belle-Gabrielle, F94736 Nogent-sur-Marne Cedex, France.

From: 1947 F: 4/A LT: Fr LS: Fr, En
Abbr.: Rev. Bois Forêts Trop.

S034.8 **Boletim Técnico do CEPTA**, Pirassununga. Centro de Pesquisa e Treinamento em Aquicultura, Rod. Brigadeiro Faria Lima s/n km 6,5-CP 64, Pirassununga SP, CEP 13630, Brazil

From: 1988 F: 2/A LT: Pt LS: Pt/En
Abbr.: Bol. Téc. CEPTA (Pirassununga)

S035 **Bollettino di Pesca, Piscicoltura e Idrobiologia**, Rome. Laboratorio Centrale di Idrobiologia, Via L. Roncinotto 1, Rome 00154, Italy

From: 1925 F: 2/A LT: It/En LS: En/Fr
Abbr.: Boll.Pesca Piscic.Idrobiol.

S036 **Botanica Marina**, Berlin. Walter de Gruyter and Co., Genthiner Str. 13, D-1000 Berlin 30, Federal Republic of Germany

From: 1959 F: 12/A LT: En/Fr/De LS: En
Abbr.: Bot.Mar.

S037 **British Journal of Nutrition**, Cambridge. Cambridge University Press, Box 110, Cambridge CB2 3RL, England, UK

From: 1947 F: 6/A LT: En LS: En
Abbr.: Br.J.Nutr.
Rem.: Official journal of the "Nutrition Society"

____ **Bulletin Canadien d'Aquiculture**, Vancouver: see "Canadian Aquaculture ref. S041.5

S038.5 **Bulletin of Fisheries**, Vodnany. Editor, Dr. R. Berka, Research Institute of Fish Culture and Hydrobiology, 38925 Vodnany, Czechoslovakia.

From: 1991 F: 4/A LT: En LS: Cs,Ru
Abbr.: Bull. Fish. (Vodnany)

S039 **Bulletin Français de la Pêche et de la Pisciculture - Gestion des ressources aquatiques**, Boves. Conseil Supérieur de la Pêche, Le Paraclet, B.P. 5, Boves 80440, France

From: 1985 F: 4/A LT: Fr LS: Fr/En
Abbr.: Bull.Fr.Pêche Piscic.
Rem.: Formerly: Bulletin Français de Pisciculture (1928-1984)

S040 **Cahiers de Biologie Marine**, Roscoff. Station Biologique, Place George-Teissier, F-29211 Roscoff, France

From: 1960 F: 4/A LT: Fr/En/De/It LS: Fr/En
Abbr.: Cah.Biol.Mar.

S041 **California Fish and Game**, Sacramento. California Department of Fish and Game, 1416 - 9th Street, Sacramento, California 95814, USA

From: 1914 F: 4/A LT: En LS: En
Abbr.: Calif.Fish Game

S041.5 **Canadian Aquaculture**, Victoria. Canadian Aquaculture, 4611 William Head Rd., Victoria, B.C., Canada V8X 3W9.

From: F: 6/A LT: En
Abbr.: Can. Aquacult.

S042 **Canadian Journal of Fisheries and Aquatic Sciences/Journal Canadien des Sciences Halieutiques et Aquatiques**, Ottawa. Fisheries and Oceans, Scientific Information and Publications Branch, Ottawa K1A 0E6, Canada

From: 1980 F: 12/A LT: En/Fr LS: En/Fr
Abbr.: Can.J.Fish.Aquat.Sci./J.Can.Sci.Halieut.Aquat.
Rem.: Formerly: 1901-25 "Contributions to Canadian Biology"; 1926-34 "Contributions to Canadian Biology and Fisheries"; 1934-37 "Journal of the Biological Board of Canada"; 1938-79 "Journal of the Fisheries Research Board of Canada/ Journal de l'Office des Recherches sur les Pêcheries du Canada"

S043 **Canadian Journal of Zoology/Journal Canadien de Zoologie**, Ottawa. National Research Council of Canada, Ottawa K1A 0R6, Canada

From: 1929 F: 12/A LT: En/Fr LS: En/Fr
Abbr.: Can.J.Zool.

S043.5 **Centre de Recherches Océanographiques d'Abidjan, Documents Scientifiques**, Abidjan. CRO, B.P. V18, Abidjan, Côte d'Ivoire, Afrique.

From: 1970 F: 4/A LT: Fr LS: Fr/En
Abbr.: Doc.Sci.Cent.Rech.Océanogr., Abidjan ORSTOM

S044 **Coastal Zone Management Journal**, New York. Crane, Russak and Co., Inc., 3 East 44th Street, New York, N.Y. 10017, USA

From: 1973 F: 4/A LT: En LS: En
Abbr.: Coast.Zone Manage.J.
Rem.: Subtitled "Environment Resources and Law"

S045 **Conseil Supérieur de la Pêche, Bulletin d'Information**, Boves. Ecole des Gardes-Pêches, Le Paraclet, B.P. 5, Boves 80440, France

From: 1978 F: 4/A LT: Fr
Abbr.: Bull.Inf.Cons.Supér.Pêche

S046 **Corriere della Pesca e dell'Acquacoltura**, Rome. Consorzio Nazionale Cooperativa Pescatori ed Affini, Via Tirzo 90, Rome 00198, Italy

From: 1981 F: 12/A LT: It
Abbr.: Corr.Pesca.Acquacolt.
Rem.: Formerly "Corriere della Pesca" (1945-80)

S047 **Crustaceana**, Leiden. E.J. Brill, P.O. Box 9000, Leiden 2300 PA, The Netherlands

From: 1960 F: 6/A LT: En/Fr/De LS: En/Fr/De
Abbr.: Crustaceana
Rem.: Subtitled "International Journal of Crustacean Research"

S048 **Cultures Marines, Nouvelle Série**, Paris. Comité interprofessionnel de la Conchyliculture, 13 rue St. Lazare, 75005 Paris, France; Editions du Cabestan, 38 rue de l'Eglise, 75015 Paris, France

From: 1950 F: 12/A LT: Fr
Abbr.: Cult.Mar.(Nouv.Sér.)
Rem.: Revue officielle de la conchyliculture française. Subtitled "Rivages de France"

S049 **Departamento Nacional de Obras contra as Secas, Boletim técnico**, Fortaleza. DNOCS, Fortaleza, Brazil

Vol.28 in 1973 F: 2/A LT: Pt LS: En
Abbr.: Bol.Téc.Dep.Nac.Obras Contra Secas (Braz.)

S050 **Ecological Monographs**, Durham. Duke University Press, Box 6697, College Station, Durham, N.C. 27708, USA

From: 1931 F: 4/A LT: En LS: En
Abbr.: Ecol.Monogr.
Rem.: A journal of the Ecological Scoiety of America

S051 **Ecology**, Durham. Duke University Press, Box 6697, College Station, Durham, N.C. 27708, USA

From: 1920 F: 6/A LT: En LS: En
Abbr.: Ecology
Rem.: A journal of the Ecological Society of America

S052 **Energy in Agriculture**, Amsterdam. Elsevier, P.O. Box 211, 1000 AE Amsterdam, The Netherlands

From: 1982 F: 4/A LT: En LS: En
Abbr.: Energy Agric.

S053 **Environmental Biology of Fishes**, The Hague. Dr. W. Junk Publishers, P.O. Box 13713, The Hague 2501 ES, The Netherlands

From: 1976 F: 3-4/A LT: En LS: En
Abbr.: Environ.Biol.Fish.

S053.5 **Equinoxe**, Nantes. IFREMER, rue de l'Ile d'Yeu, F-44200 Nantes, France

From: 1985 F: 6/A LT: Fr LS: Fr
Abbr.: Equinoxe
Rem.: Subtitled "Le magazine des ressources vivantes de la mer"

S054 **Estuaries**, Lawrence. The Estuarine Research Federation, P.O. Box 368, Lawrence, Kansas 66044, USA

From: 1978 F: 4/A LT: En LS: En
Abbr.: Estuaries
Rem.: Formerly "Chesapeake Science"

S055 **Estuarine, Coastal and Shelf Science**, London. Academic Press Inc. (London) Ltd., 24-28 Oval Road, London NW1 7DX, England, UK

From: 1981 F: 12/A LT: En LS: En
Abbr.: Estuar.Coast.Shelf Sci.
Rem.: Formerly "Estuarine and Coastal Marine Science"

S055.5 **FAO/GLOBEFISH Highlights**, Rome. FAO, Fishery Industries Division, I-00100 Rome, Italy

From: 1985 F: 4/A LT: En
Abbr.: FAO/GLOBEFISH Highlights
Rem.: Subtitled "A quarterly based on the GLOBEFISH data bank"

S055.7 **FAO/INFOFISH Marketing Digest,** Kuala Lumpur. INFOFISH, P.O. Box 10899, Kuala Lumpur 01-02, Malaysia.

From: 1982 F: 6/A LT: En LS: En/Fr/Es
Abbr.: FAO/INFOFISH Mark.Dig.
Rem.: Published by Marketing Information and Advisory Services for Fish Products in the Asian/Pacific Region, FAO/Norway Project GCP/RAS/096/NOR

S056 **Farm Pond Harvest,** Momence. Professional Sportman's Publishing Co., P.O. Box AA, Momence, Illinois 60954, USA

From: 1967 F: 4/A LT: En
Abbr.: Farm Pond Harvest

S056.5 **Feedstuffs,** Minneapolis. Miller Publishing Company, 2501 Wayzata Blvd., Box 67, Minneapolis, 55440 Minnesota, USA

From: 1929 F: 52/A LT: En LS: En
Abbr.: Feedstuffs

S057 **Fischer und Teichwirt,** Nüremberg. Verband bayerischer Berufsfischer V., Steinstrasse 1, Nüremberg, Germany

From: 1973 F: 12/A LT: De
Abbr.: Fisch.Teichwirt
Rem.: Supersedes: "Der Fischbauer" (1950-72) and continues volume numbering

S058 **Fischerei-Forschung,** Rostock-Marienehe. Institut für Hochseefischerei und Fischverarbeitung, Rostock-Marienehe, Germany

From: 1958 F: 2/A LT: De LS: De
Abbr.: Fischerei-Forschung

S059 **Fish Culturist,** Philadelphia. Pennsylvania Fish Culturists Association, 1823 Dudley Street, Philadelphia, Pennsylvania 19145, USA

From: 1920 F: 10/A LT: En
Abbr.: Fish Cult.

S060 **Fish Farmer,** Weybridge. Amber Publications, 34 Amberley Dr., Woodham, Weybridge, Surrey KT15 3SL, England, UK. Sales and distribution: Oakfield House, Perrymount Rd., Haywards Heath, Sussex RH16 3DH, England, UK

From: 1977 F: 6/A LT: En
Abbr.: Fish Farmer

3065 Fish Farming International. London. A.J. Heighway Publications Ltd., Heighway House, 87 Blackfriars Road, London SE1 8HB, England, UK

From: 1975 F: 12/A LT: En
Addr.: Fish Farming Int.
Rem.: Quarterly magazine until December 1981; monthly from March 1982

--- Fish Pathology, Tokyo: see 'Gyobyo Kenkyu' ref. 5070

3066 Fisheries. Bethesda. American Fisheries Society, 5410 Grosvenor Lane, Bethesda, Maryland 20014, USA

From: 1976 F: 6/A LT: En LS: En
Addr.: Fisheries
Rem.: Subtitled 'A Bulletin of the American Fisheries Society'

3064 Fisheries Research Journal of the Philippines. Los Baños. Fisheries Research Society of the Philippines, c/o PCARR, Los Baños, Laguna, Philippines

From: 1975 F: 2/A LT: En LS: En
Addr.: Fish.Res.J.Philipp.

3063 Fishery Bulletin. Seattle. Scientific Publications Office, National Marine Fisheries Service, NOAA, 1700 Westlake Ave. North, Seattle, Washington 98109, USA

From: 1972 F: 4/A LT: En LS: En
Addr.: Fish.Bull.

3067 Freshwater and Marine Aquarium. Sierra Madre. RCM Publication, P.O. Box 487, Sierra Madre, California 91024, USA

From: 1978 F: 12/A LT: En
Addr.: Freshwat.Mar.Aquar.
Rem.: Subtitled 'The magazine dedicated to the tropical fish enthusiast'

3068 Freshwater Biology. Oxford. Freshwater Biological Association, Ferry House, Ambleside, Cumbria, England, UK. Blackwell Scientific Publications, Osney Mead, Oxford OX2 0EL, England, UK

From: 1971 F: 6/A LT: En LS: En
Addr.: Freshwat.Biol.

S070 **Gyobyo Kenkyu/Fish Pathology**, Tokyo. The Japanese Society of Fish Pathology, University of Tokyo, Faculty of Agriculture, Department of Fisheries, Yayoi 1-1-1, Bunkyo-ku, Tokyo 113, Japan

From: 1966 F: 4/A LT: Ja/En LS: En
Abbr.: Gyobyo Kenkyu/Fish Pathol.

S071 **Hydrobiologia**, The Hague. Dr. W. Junk B.V. Publishers, Box 13713, The Hague, NL-2501 ES, The Netherlands

From: 1948 F: 20-30/A LT: En/Fr/De LS: En
Abbr.: Hydrobiologia
Rem.: Subtitled "Acta Hydrobiologica, Hydrographica et Protistologica"

S072 **Hydrobiological Journal**, Silver Spring. Scripta Technica, Inc., 7961 Eastern Avenue, Silver Spring, MD 20910, USA

From: 1970 F: 6/A LT: En LS: En
Abbr.: Hydrobiol.J.
Rem.: Translation of the "Gidrobiologicheskiy Zhurnal", Division of Biological Sciences of the Ukrainian Academy of Sciences, USSR

S073 **Indian Journal of Marine Sciences**, New Delhi. Publications and Information Directorate, Council of Scientific and Industrial Research (CSIR), Hillside Road, New Delhi 110012, India

From: 1972 F: 4/A LT: En LS: En
Abbr.: Indian J.Mar.Sci.

S073.5 **Informatore Zootecnico**, Bologna. Edagricole, Via Emilia Levante 31, Bologna, I-40139, Italy

From: 1954 F: 104/A LT: It
Abbr.: Inf.Zootec.

S073.7 **International Journal of Aquaculture and Fisheries Technology**, Tokyo. Fuji Technology Press, Ltd., 7F Daini Bunsei Bldg 11-7, Toranomon 1 - chome, Minato - ku, Tokyo 105, Japan

From: 1989 F: 6/A LT: En LS: En
Abbr.: Intern. J. Aquacult. Fish. Technol.

S074 **The Israeli Journal of Aquaculture - Bamidgeh**, Nir-David. Fish Breeders Association, Nir-David, 19150 Israel.

From: 1988 F: 4/A LT: En LS: En
Abbr.: Isr. J. Aquacult. - Bamidgeh
Rem: Supersedes "Bamidgeh" (1949-1987).

S075 **Japanese Journal of Zoological Science/Nihon Chikusan Gakkaiho**, Tokyo. Japanese Society of Zootechnical Science (Nihon Chikusan Gakkai), 201 Nagatani Corporas, Ikenohata 2-9-4, Taitoku, Tokyo 110, Japan

From: 1924 F: 12/A LT: En/Ja LS: En
Abbr.: Jap.J.Zoolog.Sci./Nihon Chikusan Gakkaiho

S076 **Japanese Society of Scientific Fisheries, Bulletin/Nippon Suisan Gakkaishi**, Tokyo. Tokyo University of Fisheries, 5-7 Konan-4, Minato-ku, Tokyo 108, Japan

From: 1932 F: 12/A LT: Ja/En LS: En/Ja
Abbr.: Bull.Jap.Soc.Sci.Fish.

S076.5 **Journal of Applied Aquaculture**, Binghampton. Prof. D. Tave, Editor, Dept. Agriculture, University of Arkansas/Pine Bluff, Arkansas 71601 (USA).

From: 1989 F:4/A LT: En LS: En
Abbr.: J. Appl. Aquacult.

S077 **Journal of Applied Ecology**, Oxford. Blackwell Scientific Publications, Osney Mead, Oxford OX2 OEL, England, UK

From: 1964 F: 3/A LT: En
Abbr.: J.Appl.Ecol.
Rem.: A journal of the British Ecological Society, London

____ **Journal of Applied Ichthyology**, Hamburg: see "Zeitschrift fuer Angewandte Ichthyologie" ref. S140

S077.5 **Journal of Aquaculture in the Tropics**, Calcutta. Oxford and IBH Publishing Company Pvt. Ltd., 17 Park Street, Calcutta 700 016, India

From: 1986 F: 2/A LT: En LS: En
Abbr.: J.Aquacult.Trop.

S078 **The Journal of Aquariculture and Aquatic Sciences**, Kansas City. The Written Word, c/o Aqua Science Research Group, Inc., 1100 Gentry Street, North Kansas City, Missouri 64116, USA

From: 1980 F: 4/A LT: En
Abbr.: J.Aquaricult.Aquat.Sci.
Rem.: Journal for aquarium science and technology

S078.5 **Journal of Aquatic Animal Health**, Bethesda. American Fisheries Society, 5410 Grosvenor Lane, Suite 110, Bethesda, Maryland 20814, USA.

From: 1989 F: 4/A LT: En LS: En
Abbr.: J. Aquat. An. Health

____ **Journal Canadien des Sciences Halieutiques et Aquatiques**, Ottawa: see "Canadian Journal of Fisheries and Aquatic Sciences" ref. S042

____ **Journal Canadien de Zoologie**, Ottawa: see "Canadian Journal of Zoology" ref. S043

S079 **Journal du Conseil**, Charlottenlund. Conseil International pour l'Exploration de la Mer/International Council for the Exploration of the Sea, Palaegade 2-4, DK-1261, Copenhagen, Denmark

From: 1926 F: 3/A LT: En/Fr/De LS: En
Abbr.: J.Cons.CIEM

S080 **Journal of Crustacean Biology**, Lawrence. The Crustacean Society, c/o R.B. Manning, IZ-NHB-W323 Smithsonian Institution, Washington, D.C. 20560, USA. Allen Press, Inc., Lawrence, Kansas 66044, USA

From: 1981 F: 4/A LT: En LS: En
Abbr.: J.Crust.Biol.
Rem.: A quarterly of the Crustacean Society for the publication of research on any aspect of the biology of Crustacea

S081 **Journal of Ecology**, Oxford. Blackwell Scientific Publications, Osney Mead, Oxford OX2 OEL, England, UK

From: 1913 F: 3/A LT: En LS: En
Abbr.: J.Ecol.
Rem.: A journal of the British Ecological Society, London

S082 **Journal of Experimental Marine Biology and Ecology**, Amsterdam. Elsevier/North-Holland Biomedical Press, Journal Division, P.O. Box 211, Amsterdam NL-1000 AE, The Netherlands

From: 1967 F: 15-20/A LT: En LS: En
Abbr.: J.Exp.Mar.Biol.Ecol.

S083 **Journal of Fish Biology**, London and New York. Academic Press, Berkeley Square, London, UK; and 111 Fifth Avenue, New York, NY 10003, USA

From: 1969 F: 4/A LT: En LS: En
Abbr.: J.Fish Biol.
Rem.: A journal of the Fisheries Society of the British Isles

S084 **Journal of Fish Diseases**, Oxford. Blackwell Scientific Publications, Osney Mead, Oxford OX2 OEL, England, UK

From: 1978 F: 6/A LT: En LS: En
Abbr.: J.Fish Dis.

____ **Journal of Fisheries of China**, Shanghai: see "Shui Chan Xue Bao" ref. S121

S085 **Journal of Ichthyology**, Silver Spring. Scripta Publishing Co., 7961 Eastern Avenue, Silver Spring, MD 20910, USA

From: 1969 F: 6/A LT: En LS: En
Abbr.: J.Ichthyol.
Rem.: Translation of "Voprosy Ikhtiologii" (USSR)

S085.5 **Journal of Inland Fisheries**, Colombo. Editor, c/o Director of Inland Fisheries, P.O. Box 1707, Crow Island, Colombo 15, Sri Lanka

From: 1982 F: 1/A LT: En LS: En
Abbr.: J.Inland Fish., Colombo

S086 **Journal of Invertebrate Pathology**, New York. Academic Press Inc., 111 Fifth Avenue, New York, NY 10003, USA

From: 1965 F: 6/A LT: En LS: En
Abbr.: J.Invertebr.Pathol.
Rem.: Journal of the Society for Invertebrate Pathology

S087 **Journal of Nutrition**, Bethesda. American Institute of Nutrition, 9650 Rockville Pike, Bethesda, MD 20814, USA

From: 1928 F: 12/A LT: En LS: En
Abbr.: J.Nutr.

S088 **Journal of Phycology**, Lawrence. The Phycological Society of America, Inc., c/o Dr. M.D. McCracken, Department of Biology, Texas Christian University, Fort Worth 76129, USA. Allen Press, Inc., Lawrence, Kansas 66044, USA

From: 1965 F: 4/A LT: En/Fr/Es/De LS: En
Abbr.: J.Phycol.

S089 **Journal de Recherche Océanographique**, Paris. Union des Océanographes de France, Paris, France

From: 1976 F: 4/A (irr.) LT: Fr/En LS: Fr/En
Abbr.: J.Rech.Océanogr.

S089.1 **Journal of Shellfish Research**, West Boothbay Harbor. c/o Dr. S. Shumway, Editor, Bigelow Laboratory for Ocean Science, Dept. Marine Resources, West Boothbay Harbor, ME 94575, USA.

From: 1981 F: 2/A LT: En LS: En
Abbr.: J.Shellfish Res.
Rem.: Official publication of the National Shellfisheries Association. Supersedes "Proceedings of the National Shellfisheries Association (US)" 1930-1980

S089.5 **Le Marin**, Rennes. Le Marin, Société d'Edition Ouest-France, F-35051 Rennes Cedex, France

From: 1946 F: 52/A LT: Fr
Abbr.: Marin

S090 **Limnology and Oceanography**, Lawrence. Allen Press, Inc., Lawrence, Kansas 66044, USA

From: 1956 F: 6/A LT: En LS: En
Abbr.: Limnol.Oceanogr.
Rem.: Journal of the American Society of Limnology and Oceanography, Inc., c/o Mrs. W. Baumeister, 1520 12th Avenue, Grafton, Wisconsin 53024, USA

S091 **Mahasagar**, Goa. National Institute of Oceanography, Dona Paula-403004, Goa, India

From: 1968 F: 4/A LT: En LS: En
Abbr.: Mahasagar
Rem.: Subtitled "Bulletin of the National Institute of Oceanography"

S092 **Malacologia**, Ann Arbor. Institute of Malacology, 2415 South Circle Drive, Ann Arbor, Michigan 48103, USA

From: 1962 F: 2/A LT: En LS: En
Abbr.: Malacologia
Rem.: Subtitled "International Journal of Malacology"

S093 **Marine Biological Association of the United Kingdom, Journal of the**, Cambridge. Cambridge University Press, The Pitt Building, Trumpington Street, Cambridge CB2 IRP, England, UK

From: 1887 F: 4/A LT: En LS: En
Abbr.: J.Mar.Biol.Assoc.U.K.

S094 **Marine Biology**, Berlin. Springer-Verlag, Heidelberg Platz 3, D-1000 Berlin 33, Germany

From: 1967 F: 6-8/A LT: En/Fr LS: En
Abbr.: Mar.Biol.

S095 **Marine Biology Letters**, Amsterdam. Elsevier/North-Holland Biomedical Press, Journal Division, Box 211, Amsterdam NL-1000 AE, The Netherlands

From: 1979 F: 6/A LT: En
Abbr.: Mar.Biol.Lett.

S096 **Marine Ecology, Progress Series**, Halstenbek. Inter-Research, P.O. Box 1121, Halstenbek, D-2083, Germany

From: 1979 F: 4/A LT: En LS: En
Abbr.: Mar.Ecol.(Prog.Ser.)

S097 **Marine Fisheries Review**, Washington. U.S. National Marine Fisheries Service, Scientific Publications Office, 1107 N.E. 45th Street, Seattle, Washington 98105, USA

From: 1972 F: 12/A LT: En LS: En
Abbr.: Mar.Fish.Rev.
Rem.: Supersedes: Commercial Fisheries Review, 1939-71

S098 **Marine Policy**, Guildford. IPC Science and Technology Press Ltd., P.O. Box 63, Westbury House, Guildford, Surrey GU2 5BH, England, UK

From: 1977 F: 4/A LT: En
Abbr.: Mar.Policy
Rem.: Subtitled "The international journal of ocean affairs"

S098.5 **Marine Resource Economics**, New York. Crane, Russak and Company, Inc., 3 East 4th Street, New York, NY 10017, USA

From: 1984 F: 4/A LT: En LS: En
Abbr.: Mar.Resour.Econ.

S099 **Mazingira**, Dun Laoghaire. Tycooly International Publishing Ltd., 6 Charlemont Terrace, Dun Laoghaire, Co. Dublin, Ireland

From: 1977 F: 6/A LT: En
Abbr.: Mazingira
Rem.: International journal for environment and development; also issued in French and Spanish

S100 **Meeresforschung/Reports on Marine Research**, Hamburg. Verlag Paul Parey (Hamburg), Spitalerstr. 12, D-2000 Hamburg 1, Germany

From: 1976 F: 4/A LT: De/En LS: En/De
Abbr.: Meeresforschung/Rep.Mar.Res.
Rem.: Formerly "Deutsche Wissenschaftliche Kommission für Meeresforschung, Berichte"

S100.5 **Naga, The ICLARM Quarterly**, Manila. International Center for Living Aquatic Resources Management, MCC P.O. Box 1501, Makati, Metro Manila, Philippines

From: 1986 F: 4/A LT: En
Abbr.: Naga, ICLARM Q.
Rem.: Formerly "ICLARM Newsletter" (1978-1985)

S101 **New Zealand Journal of Marine and Freshwater Research**, Wellington. New Zealand Department of Scientific and Industrial Research, P.O. Box 9741, Wellington, New Zealand

From: 1967 F: 4/A LT: En LS: En
Abbr.: N.Z.J.Mar.Freshwat.Res.

S102 **Ocean Management**, Amsterdam. Elsevier Scientific Publishing Co., P.O. Box 330, Amsterdam, NL-1000 AE, The Netherlands

From: 1973 F: 4/A LT: En LS: En
Abbr.: Ocean Manage.

S103 **Oceanis**, Paris. Institut Océanographique, Laboratoire de Physiologie des Etres Marins, 195 rue Saint-Jacques, Paris, F-75005, France

From: 1975 F: 7-9/A LT: Fr LS: Fr/En
Abbr.: Oceanis (Doc.Océanogr.)
Rem.: Subtitled "Série de documents océanographiques"

S104 **Oceanologia et Limnologia Sinica**, Qingdao. Chinese Society of Oceanology and Limnology, Nanhai Road 7, Qingdao, China

From: 1970 F: 6/A LT: Ch LS: En
Abbr.: Oceanol.Limnol.Sin.

S105 **Oceans**, San Francisco. Oceanic Society, Fort Mason Center, San Francisco, California 94123, USA

From: 1969 F: 6/A LT: En
Abbr.: Oceans

S106 **Oceanus**, Woods Hole. Woods Hole Oceanographic Institution, Woods Hole, Massachusetts 02543, USA

From: 1952 F: 4/A LT: En
Abbr.: Oceanus
Rem.: Subtitled "The international magazine of marine science"

S107 **Ophelia**, Helsingoer. Marine Biological Laboratory (University of Copenhagen), Helsingoer DK-3000, Denmark

From: 1964 F: 2/A LT: En LS: En
Abbr.: Ophelia
Rem.: Subtitled "International journal of marine biology"

S108 **Organic Gardening**, Emmaus. Rodale Press Inc., 33 E Minor Street, Emmaus, Pennsylvania 18049, USA

From: 1978 F: 12/A LT: En
Abbr.: Org.Gard.
Rem.: Formerly "Organic Gardening and Farming" until July 1978

S109 **Oesterreichs Fischerei**, Scharfling. Oesterreichischer Fischereiverband, Scharfling, A-5310 Mondsee, Austria

From: 1948 F: 12/A LT: De
Abbr.: Oesterr.Fisch.

____ **Parasitology Research**, Berlin: see "Zeitschrift fuer Parasitenkunde" ref. S142

S109.4 **La Pêche Maritime**, Paris. Editions Maritimes, 190 Boulevard Haussmann, F-75008 Paris, France

From: 1919 F: 12/A LT: Fr
Abbr.: Pêche Marit.

S109.6 **Il Pesce**, Modena. Direzione "Il Pesce", Via Taglio 17, I-41100 Modena, Italy

From: 1984 F: 4/A LT: It, En LS: It, En
Abbr.: Pesce, Modena

S110 **Pisciculture Française**, Paris. Syndicat des Pisciculteurs-Salmoniculteurs de France, 11 rue Milton,F-75009 Paris, France

From: 1965 F: 4/A LT: Fr
Abbr.: Piscic.Fr.

S111 **Philippine Scientific Journal**, Caloocan City. Manila Central University, Caloocan Campus, Caloocan City, Philippines

From: 1947 F: 4/A LT: En
Abbr.: Philipp.Sci.J.
Rem.: Supersedes "Philippine Journal of Science" (1906-47)

S112 **Phycologia**, Oxford. Blackwell Scientific Publications Ltd., Oxford OX2 OEL, England, UK

From: 1961 F: 4/A LT: En/Fr/Ru/De
Abbr.: Phycologia
Rem.: Journal of the International Phycological Society

S113 **Polski Archiwum Hydrobiologii/Polish Archives of Hydrobiology**, Warsaw. Polish Academy of Sciences, Institute of Ecology, Panstwowe Wydawnictwo Naukowe, Miodowa 10, Warsaw, Poland

From: 1953 F: 4/A LT: En LS: En/Pl
Abbr.: Pol.Arch.Hydrobiol.

S114 **Progressive Fish-Culturist**, Bethesda. American Fisheries Society, 5410 Grosvenor Lane, Bethesda, MD 20814, USA

From: 1938 F: 4/A LT: En LS: En
Abbr.: Prog.Fish-Cult.
Rem.: Quarterly Journal for Aquaculturists

S114.5 **Reviews in Aquatic Sciences**, Boca Raton. CRC Press, Inc., 2000 Corporate Blvd. NW, Boca Raton, Florida 33431, USA.

From: 1989 F: 4/A LT: En
Abbr.: Rev. Aquat. Sci.

S115 **Revista Latino-Americana de Acuicultura. Oldepesca**, Lima. Organización Latinoamericana de Desarrollo Pesquero, Lima. Dirección Ejecutiva, OLDEPESCA, P.O. Box 10168, Lima, Peru.

From: 1979 F: 4/A LT: Es LS: Es/En
Abbr.: Rev.Latinoam.Acuicult. Oldepesca.

S115.5 **Revue Française d'Aquariologie**, Nancy. Université Nancy 1, Musée de Zoologie, 34 rue Sainte-Catherine, F-54000 Nancy, France

From: (?) F: 4/A LT: Fr LS: Fr
Abbr.: Rev.Fr.Aquariol.

S116 **Revue d'Hydrobiologie Tropicale**, Paris. Office de la Recherche Scientifique et Technique Outre-Mer (ORSTOM), 70-74 Route d'Aulnay, F-93140 Bondy, France

From: 1981 F: 4/A LT: Fr LS: Fr/En
Abbr.: Rev.Hydrobiol.Trop.
Rem.: Formerly "Cahiers ORSTOM, Série Hydrobiologie"

S117 **Rivista di Idrobiologia**, Perugia. Università degli Studi di Perugia, Istituto di Idrobiologia, Via Elce di Sotto, I-06100, Perugia, Italy

From: 1960 F: 4/A LT: It LS: En
Abbr.: Riv.Idrobiol.

S118 **Rivista Italiana di Acquacoltura**, Verona. Associazione Piscicoltori Italiani, c/o AGRICENTER, Viale del Lavoro 8, Verona, I-37135 Italy

From: 1989 F: 4/A LT: It/En LS: En/It
Abbr.: Riv.Ital. Acquacolt.
Rem.: Formerly "Rivista Italiana di Piscicoltura e Ittiopatologia" (1966-1988).

S119 **Salmonid**, Little Rock. U.S. Trout Farmers Association, 506 Ferry Street, Little Rock, AR 72202, USA

From: 1977 F: 24/A LT: En
Abbr.: Salmonid
Rem.: Subtitled "The official journal of the United States Trout Farmers Association"

S120 **Science et Pêche**, Nantes. Institut Scientifique et Technique des Pêches Maritimes, rue de l'Ile-d'Yeu, B.P. 1049, F-44037 Nantes Cedex, France

From: 1953 F: 11/A LT: Fr
Abbr.: Sci.Pêche
Rem.: Bulletin d'information et de documentation de l'ISTPM

S121 **Shui Chan Xue Bao/Journal of Fisheries of China**, Shanghai. Zhong guo shui chan xue hui (China Society of Fisheries), 334 Jun Gong Lu, Shanghai 200090, China

From: 1978 F: 4/A LT: Ch LS: En
Abbr.: Shui Chan Xue Bao/J.Fish.China

S122 **South Pacific Bulletin**, Sydney. South Pacific Commission Publications Bureau, P.O. Box A245, Sydney South, NSW 2000, Australia

From: 1960 F: 4/A LT: En/Fr
Abbr.: S.Pac.Bull.
Rem.: Official journal of the South Pacific Commission (SPC)

S123 **Southern Journal of Agricultural Economics**, Baton Rouge. Southern Agricultural Economics Association, c/o A.R. Schapp, Editor, Department of Agricultural Economics and Agribusiness, Louisiana State University, Baton Rouge, LA 70803, USA

From: 1969 F: 2/A LT: En LS: En
Abbr.: South.J.Agric.Econ.

S124 **The Soviet Journal of Marine Biology**, New York. Consultants Bureau, 233 Spring Street, New York, NY 10013, USA

From: 1975 F: 6/A LT: En LS: En
Abbr.: Sov.J.Mar.Biol.
Rem.: Translation of "Biologiya Morya", a publication of the Academy of Sciences of the USSR

S126 **Téthys**, Marseille. Station Marine d'Endoume, Rue de la Batterie des Lions, F-13007 Marseille, France

From: 1969 F: 4/A LT: Fr LS: En
Abbr.: Téthys

S127 **Tropical Fish Digest.** Gildea and Co., Monkscoole House, Ste. 14D, Rathcoole, Co. Antrim, Northern Ireland BT37 9DA, UK

From: 1980 F: 4/A LT: En LS: En
Abbr.: Trop.Fish Dig.

S128 **Tropical Fish Hobbyist**, Neptune City. T.F.H. Publications Inc., 211 W. Sylvania Ave., Neptune City, New Jersey 07753, USA

From: 1952 F: 12/A LT: En LS: En
Abbr.: Trop.Fish Hobbyist

S129 **Veterinary Record**, London. British Veterinary Association, 7 Mansfield Street, London W1M OAT, England, UK

From: 1888 F: 52/A LT: En LS: En
Abbr.: Vet.Rec.

S135 **Water Farming Journal**, Metairie, Louisiana. Editor Carroll Trosclair, Water Farming Journal, 3400 Neyrey Drive, Metairie, Louisiana 70002, USA

From: 1986 F: 12/A LT: En
Abbr.: Water Farming J.
Rem.: Subtitled "North America's Aquaculture Newspaper"

S135.5 **World Aquaculture**, Baton Rouge. World Aquaculture Society, 16 East Fraternity Lane, Louisiana State University, Baton Rouge, Louisiana 70803, USA.

From: 1988 F: 4/A LT: En LS: En
Abbr.: World Aquacult.
Rem.: Formerly "World Aquaculture Society Newsletter" (1986-1988) and "World Mariculture Society Newsletter" (1970-1985)

S136 **World Fishing**, London. Industrial Press Ltd., Dorset House, Stamford Street, London SE1, England, UK

From: 1952 F: 12/A LT: En
Abbr.: World Fish.

S140 **Zeitschrift fuer Angewandte Ichthyologie/Journal of Applied Ichthyology**, Hamburg. Verlagsbuchhandlung Paul Parey, P.O. Box 106304, D-2000 Hamburg 1, Germany

From: 1985 F: 4/A LT: De/En/Fr LS: De/En/Fr
Abbr.: Z.Angew.Ichthyol./J.Appl.Ichthyol.

S141 **Zeitschrift fuer die Binnenfischerei der DDR**, Berlin. VEB Deutscher Landwirtschaftsverlag, Reinhardstr. 14, D-1040 Berlin, Germany

From: 1971 F: 12/A LT: De LS: De
Abbr.: Z.Binnenfisch.D.D.R.
Rem.: Supersedes "Deutsche Fischerei-Zeitung" (1954-70)

S142 **Zeitschrift fuer Parasitenkunde/Parasitology Research**, Berlin. Springer-Verlag, Heidelberg Platz 3, D-1000 Berlin 33, Germany

From: 1928 F: 4/A LT: De/En/Fr LS: En
Abbr.: Z.Parasitenkd./Parasitol.Res.
Rem.: Journal of the German Society of Parasitology

1.2 LIST OF IRREGULAR SERIALS AND ANNUALS

____ **Acta Hydrobiologica Sinica,** Beijing: see "Shui Sheng Wu Hsueh Chi K'an" ref. S288

S210 **Advances in Marine Biology,** London and New York. Academic Press, Berkeley Square House, Berkely Square, London W1, England, UK. Academic Press Inc., 111 Fifth Avenue, New York, NY 10003, USA

From: 1963 F: irr. LT: En LS: En
Abbr.: Adv.Mar.Biol.

S210.5 **Advances in World Aquaculture Series,** Baton Rouge. World Aquaculture Society Books, 16 East Fraternity Lane, Louisiana State University, Baton Rouge, LA 70803, USA:

From: 1989 F: irr. LT: En
Abbr.: Adv. World Aquacult. Ser.

S211 **American Malacological Union, Bulletin of,** Houston. American Malacological Union, 3706 Rice Blvd., Houston, Texas 77005, USA

From: 1931 F: 1/A LT: En LS: En
Abbr.: Bull.Am.Malacol.Union

S211.5 **Annual Review of Fish Diseases,** Elmsford. Pergamon Press, Maxwell House, Fairview Park, Elmsford, New York 10523, USA.

From: 1990 F: 1/A LT: En LS: En
Abbr.: Ann. Rev. Fish Diseases

S212 **Aquacultura Hungarica,** Szárvás. Fisheries Research Institute, P.O. Box 47, H-5541 Szárvás, Hungary

From: 1978 F: 1/A LT: En LS: En/Hu/Ru
Abbr.: Aquacult.Hung.

S214 **Aquaculture Technical Bulletin,** Dublin. National Board for Science and Technology, Shelbourne House, Shelbourne Road, Dublin 4, Ireland

From: 1981 F: irr. LT: En LS: En
Abbr.: Aquacult.Tech.Bull.

S215 **All-Union Research Institute of Marine Fisheries and Oceanography (VNIRO), Proceedings**, Moscow. VNIRO, 17-Krasnoselskaya, Moscow B-140, USSR

From: 1935 F: irr. LT: Ru LS: En/Fr/Ru
Abbr.: Tr.Vses.Nauchno-Issled.Inst.Morsk.Rybn.Khoz. Okeanogr./Proc.All-Union Res.Inst.Mar.Fish. Oceanogr.
Rem.: Series consecutively numbered until no. 140 (1980). Subsequent issues published without any number

S215.5 **Asian Fisheries Society, Special Publications**, Manila. Secretary, Asian Fisheries Society, c/o ICLARM, MCC Box 1501, Makati, Metro Manila, Philippines.

From: 1987 F: irr. LT: En LS: En
Abbr.: Spec. Publ. Asian Fish. Soc.

S216 **Association pour le Développement de l'Aquaculture, Publication**, Cestas. ADA, Service des Publications, c/o G. Benoit, 50 Avenue de Verdun, Gazinet, F-33610 Cestas, France

From: 1975 F: irr. LT: Fr
Abbr.: Publ.Assoc.Dév.Aquacult., Cestas

S216.5 **Biología Pesquera**, Talcahuano. Pontificia Universidad Católica de Chile. Sede Talcahuano, Casilla 127, Talcahuano, Chile

From: 1961 F: irr. LT: Es/En LS: En/Es
Abbr.: Biol.Pesq., Talcahuano

S217 **Boletín Científico y Técnico**, Guayaquil. Instituto Nacional de Pesca, Casilla 5918, Guayaquil, Ecuador

From: 1978 F: irr. LT: Es/Fr LS: Es/Fr/En
Abbr.: Bol.Cient.Téc.

S218 **Buletinul de Cercetari Piscicole**, Serie Noua, Nucet Dimbovita. Statiunea de cercetari pentru piscicultura, Nucet, 0230 Dimbovita, Rumania

From: 1979 F: 1-2/A LT: Ro LS: En
Abbr.: Bul.Cercet.Piscic.(Ser.Noua)

S219 **Brackishwater Aquaculture Development Centre, Bulletin of,** Jepara. Brackishwater Aquaculture Development Centre, P.O. Box 1, Jepara, Indonesia

From: 1976 F: 1/A LT: En LS: En/In
Abbr.: Bull.Brackishwat.Aquacult.Dev.Cent., Jepara
Rem.: Formerly "Bulletin of the Shrimp Culture Research Centre, Jepara"

S220 **Cahiers d'Ethologie Appliquée** à la protection et à la conservation de la vie sauvage, à la gestion et au contrôle des ressources et productions animales, Liège. Service d'Ethologie et Psychologie animale, Institut de Zoologie de l'Université, 22 Quai Van Beneden, Liège, B-4020 Belgium

From: 1981 F: irr.(4/A) LT: Fr LS: En/Es/De
Abbr.: Cah.Ethol.Appl.

S221 **Canadian Technical Report of Fisheries and Aquatic Sciences,** Ottawa. Fisheries and Oceans, Scientific Information and Publications Branch, Ottawa K1A 0E6, Canada

From: 1980 F: irr. LT: En/Fr LS: Fr/En
Abbr.: Can.Tech.Rep.Fish.Aquat.Sci.
Rem.: Formerly "Fisheries and Marine Service Technical Report"

S222 **Central Inland Fisheries Research Institute, Bulletin,** Barrackpore. CIFRI, Barrackpore 743101, West Bengal, India

From: 1963 F: irr. LT: En LS: En
Abbr.: Bull.Cent.Inland Fish.Res.Inst., Barrackpore

S223 **Central Marine Fisheries Research Institute, Bulletin,** Cochin. CMFRI, P.B. No. 1912, Cochin 682018, India

From: 1968 F: irr. LT: En LS: En
Abbr.: Bull.Cent.Mar.Fish.Res.Inst., Cochin

S226 **Centre National du Machinisme Agricole du Génie Rural des Eaux et Forêts, Groupement de Bordeaux, Division des Aménagements Littoraux et de l'Aquaculture, Etudes,** Cestas Principal. CEMAGREF, 50 Avenue de Verdun, Gazinet (33), B.P. 3, F-33610 Cestas Principal, France

From: 1980 F: irr. LT: Fr LS: Fr
Abbr.: Etud.CEMAGREF Group.Bordeaux Div.Aménage. Littor.Aquacult.
Rem.: Formerly "Centre Technique du Génie Rural des Eaux et Forêts - CTGREF - Etudes (up to No. 9, 1980)

S227 **Ciencias Marinas**, Ensenada. Unidad de Ciencias Marinas, Universidad Autónoma de Baja California, A.P. 453, Ensenada, B.C. México

From: 1974 F: 2/A LT: Es LS: En
Abbr.: Cienc.Mar., Ensenada

S228 **Ciencias, Serie 8. Investigaciones Marinas**, La Habana. Centro de Información Científica y Técnica, Universidad de la Habana, La Habana, Cuba

From: 1972 F: irr. LT: Es LS: Es
Abbr.: Ciencias (8 Invest.Mar.)

S229 **Comisión de Pesca Continental para América Latina (COPESCAL), Documentos Técnicos/Commission for Inland Fisheries of Latin America (COPESCAL), Technical Paper**, Rome. Secretary COPESCAL, Fisheries Department, FAO, I-00100 Rome, Italy

From: 1979 F: irr. LT: Es/En LS: Es/En
Abbr.: COPESCAL Doc.Téc./COPESCAL Tech.Pap.

____ **Comité des Pêches Continentales pour l'Afrique (CPCA)**, Rome: see "Committee for Inland Fisheries of Africa" refs. S230 and S232

____ **Commission Européenne Consultative pour les Pêches dans les Eaux Intérieures (CECPI)**, Rome: see "European Inland Fisheries Advisory Commission" refs. S235 and S236

____ **Commission for Inland Fisheries of Latin America (COPESCAL)**, Rome: see "Comisión de Pesca Continental para América Latina" ref. S229

S230 **Committee for Inland Fisheries of Africa (CIFA), Occasional Paper/Comité des Pêches Continentales pour l'Afrique (CPCA), Document Occasionnel**, Rome. Secretary, CIFA/Fisheries Department, FAO, Via delle Terme di Caracalla, I-00100 Rome, Italy

From: 1974 F: irr. LT: En/Fr LS: En/Fr
Abbr.: CIFA Occas.Pap./Doc.Occas.CPCA

S232 **Committee for Inland Fisheries of Africa (CIFA), Technical Paper/Comité des Pêches Continentales pour l'Afrique (CPCA), Document Technique**, Rome. Secretary, CIFA/Fisheries Department, FAO, Via delle Terme di Caracalla, I-00100 Rome, Italy

From: 1972 F: irr. LT: En/Fr LS: En/Fr
Abbr.: CIFA Tech.Pap./Doc.Tech.CPCA

____ **Conseil Général des Pêches pour la Méditerranée (CGPM)**, Rome: see "General Fisheries Council for the Mediterranean" ref. S252

S233 **Contributions in Marine Sciences**, Port Aransas. The Port Aransas Marine Laboratory, University of Texas, Marine Science Institute, Port Aransas, Texas 78373, USA

From: 1967 F: irr. LT: En LS: En
Abbr.: Contrib.Mar.Sci.
Rem.: Formerly "Publications of the Institute of Marine Science"

S234 **Dana**, Charlottenlund. Danish Institute for Fisheries and Marine Research, Charlottenlund Castle, DK-2920 Charlottenlund, Denmark

From: 1979 F: irr. LT: En LS: En
Abbr.: Dana
Rem.: Subtitled "A journal of fisheries and marine research". Formerly "Meddelelser fra Denmarks Fiskeri-og Havundersøgelser, New Series" (1952-1978)

S235 **European Inland Fisheries Advisory Commission (EIFAC), Occasional Paper/Commission Européenne Consultative pour les Pêches dans les Eaux Intérieures (CECPI), Document Occasionnel**, Rome. Secretary, EIFAC/Fisheries Department, FAO, Via delle Terme di Caracalla, I-00100 Rome, Italy

From: 1968 F: irr. LT: En/Fr LS: En/Fr
Abbr.: EIFAC Occas.Pap./Doc.Occas.CECPI

S236 **European Inland Fisheries Advisory Commission (EIFAC), Technical Paper/Commission Européenne Consultative pour les Pêches dans les Eaux Intérieures (CECPI), Document Technique**, Rome. Secretary, EIFAC/Fisheries Department, FAO, Via delle Terme di Caracalla, I-00100 Rome, Italy

From: 1964 F: irr. LT: En/Fr LS: En/Fr
Abbr.: EIFAC Tech.Pap./Doc.Tech.CECPI

S237 **European Aquaculture Society, Special Publications**, Bredene. European Aquaculture Society (EAS), c/o Institute for Marine Scientific Research, Prinses Elisabethlaan 69, B-8450 Bredene, Belgium

From: 1985 F: irr. LT: En LS: En
Abbr.: Spec.Publ.Eur.Aquacult.Soc.
Rem.: Previously "European Mariculture Society, Spec. Publ". (1976-84)

S238 **FAO, Training Series/Collection FAO: Formation/Colección FAO: Capacitación**, Rome. FAO, Via delle Terme di Caracalla, I-00100 Rome, Italy

From: 1980 F: irr. LT: En/Fr/Es
Abbr.: FAO Train.Ser./Collect.FAO:Form./Colecc.FAO: Capacit.
Rem.: Manuals for rural fish culture extension have been issued in this series

S239 **FAO, Fisheries Circular/Circulaire sur les Pêches/Circular de Pesca**, Rome. FAO, Fisheries Department, Via delle Terme di Caracalla, I-00100 Rome, Italy

From: 1963 F: irr. LT: En/Fr/Es LS: En/Fr/Es
Abbr.: FAO Fish.Circ./FAO Circ.Pêches/FAO Circ.Pesca

S240 **FAO, Fisheries Synopsis/Synopsis sur les Pêches/Sinopsis de Pesca**, Rome. FAO, Fisheries Department, Via delle Terme di Caracalla, I-00100 Rome, Italy

From: 1964 F: irr. LT: En/Fr/Es
Abbr.: FAO Fish.Synop./FAO Synop.Pêches/FAO Sinop. Pesca

S241 **FAO, Fisheries Technical Paper/Document Technique sur les Pêches/Documentos Técnicos de Pesca**, Rome. FAO, Fisheries Department, Via delle Terme di Caracalla, I-00100 Rome, Italy

From: 1964 F: irr. LT: En/Fr/Es LS: En/Fr/Es
Abbr.: FAO Fish.Tech.Pap./FAO Doc.Tech.Pêches/FAO Doc. Téc.Pesca

S245 **Finnish Fisheries Research**, Helsinki. Finnish Game and Fisheries Research Institute, Fisheries Division, P.O. Box 193, SF-00131 Helsinki 13, Finland

From: 1972 F: irr. LT: En LS: En
Abbr.: Finn.Fish.Res.

S246 **Fischerei-Forschung Wissenschaftliche Schriftenreihe,** Rostock. Institut fuer Hochseefischerei und Fischverarbeitung, Rostock, Marienehe, Germany

From: 1958 F: irr. LT: De LS: De
Abbr.: Fischerei-Forschung

S247 **Fisheries Research Technical Report, Ministry of Agriculture, Fisheries and Food, Directorate Fisheries Research,** Lowestoft. MAFF/DFR Fisheries Laboratory, Pakefield, Lowestoft, Suffolk, England, UK

From: 1976 F: irr. LT: En LS: En
Abbr.: Fish.Res.Tech.Rep.Dir.Fish.Res.(G.B.)

S247.5 **Fisheries Today,** Quezon City. Fishery Industry Development Council, Philippines Heart Center for Asia Bldg., East Avenue, Quezon City, Philippines

From: 1978 F: irr. LT: En LS: En
Abbr.: Fish.Today
Rem.: Subtitled: "A new digest published by the Fishery Industry Development Council"

S248 **Fiskeridirektoratets Skrifter, Serie Ernaering,** Bergen. Fiskeridirektoratets Vitamininstitutt, P.B. 187, Bergen N-5001, Norway

From: 1976 F: irr. LT: En LS: En
Abbr.: Fiskeridir.Skr.(Ernaering)
Rem.: "Reports on Nutrition Investigations concerning Norwegian Fisheries Research"

S249 **Fiskeridirektoratets Skrifter, Serie Havundersøkelser,** Bergen. Fiskeridirektoratets Havforskningsinstitutt, P.B. 1870-72, Bergen-Nordnes, N-5011, Norway

From: Vol.17 F: irr. LT: En LS: En
1980/81
Abbr.: Fiskeridir.Skr.(Havunders.)
Rem.: "Report on Norwegian Fishery and Marine Investigations"

S250 **Fiskeriøkonomiske Sma-Skrifter/Papers on Fisheries Economics,** Bergen. Institute of Fisheries Economics, The Norwegian School of Economics and Business Administration, Bergen, Norway

From: 1966 F: irr. LT: No/En
Abbr.: Fiskeriøkon.Smaa-Skr./Pap.Fish.Econ.

S251 **General Fisheries Council for the Mediterranean (GFCM), Studies and Reviews/Conseil Général des Pêches pour la Méditerranée (CGPM), Etudes et Revues**, Rome. Secretary, GFCM/Fisheries Department, FAO, Via delle Terme di Caracalla, I-00100 Rome, Italy

From: 1957 F: irr. LT: En/Fr LS: En/Fr
Abbr.: GFCM Stud.Rev./Etud.Rev.CGPM

S252 **Gulf Research Reports**, Ocean Springs. Gulf Coast Research Laboratory, Ocean Springs, Mississippi 39564, USA

From: 1961 F: irr. LT: En LS: En
Abbr.: Gulf Res.Rep.

S253 **Hiroshima University Faculty of Applied Biological Science, Hiroshima University, Journal**, Fukuyama. Faculty of Applied Biological Science, Hiroshima University, Fukuyama, Japan

From: 1979 F: irr. LT: Ja/En LS: En/Ja
Abbr.: J.Fac.Appl.Biol.Sci.Hiroshima Univ.
Rem.: Formerly "Faculty of Fisheries and Animal Husbandry, Journal"

S254 **Hokkaido Regional Fisheries Research Laboratory, Bulletin**, Kushiro. Hokkaido Regional Fisheries Research Laboratory, Kushiro, Hokkaido, Japan

From: 1951 F: irr. LT: Ja/En LS: En
Abbr.: Bull.Hokkaido Reg.Fish.Res.Lab.

S255 **Ichtyophysiologica Acta**, Lyon. Société d'ichtyophysiologie fondamentale et appliquée, 3, rue du Musée-Guimet, Lyon, F-69006, France

From: 1977 F: 1/A LT: Fr LS: Fr
Abbr.: Ichtyophysiol.Acta
Rem.: Subs. Laboratoire de Physiologie générale et comparée, Univ. Claude Bernard, Lyon I, 43 rue du 11 Novembre 1918, Villerbanne Cedex F-65622, France

S255.5 **IFREMER, Rapports Scientifiques et Techniques**, Brest. IFREMER, Centre de Brest, Service Documentation/Publications, B.P. 70, F-29263 Plouzané, France

From: 1985 F: irr. LT: Fr LS: Fr
Abbr.: Rapp.Sci.Tech.IFREMER
Rem.: Previously CNEXO, Rapports Scientifiques et Techniques (1971-1984)

S256 **Indian Journal of Fisheries**, Ernakulam. Indian Council for Agricultural Research, c/o CMFRI, P. Bag 1912, Ernakulam, Cochin 682018, India

From: 1954 F: 2/A LT: En
Abbr.: Indian J.Fish.

S257 **Informations Techniques des Services Vétérinaires**, Paris. Informations Techniques des Directions des Services Vétérinaires, Ministère de l'Agriculture, 44 Boulevard de Grenelle, F-75732 Paris Cedex 15, France

From: 1962 F: irr. LT: Fr LS: Fr
Abbr.: Inf.Tech.Serv.Vét., Paris

S258 **Inland Fisheries Society of India, Journal**, Barrackpore. P.V. Dehadrai, c/o Central Inland Fisheries Research Institute, 24 Parganas, Barrackpore, West Bengal, India

From: 1969 F: 2/A LT: En LS: En
Abbr.: J.Inland Fish.Soc.India

S260 **Institute of Fisheries - Varna, Proceedings**, Varna. Institute of Fisheries, Varna, Bulgaria

From: 1975 F: 1/A LT: Bg LS: En
Abbr.: Proc.Inst.Fish., Varna
Rem.: Formerly "Institute of Oceanography and Fisheries - Varna, Proceedings"

S261 **Institute of Oceanography and Fisheries, Bulletin**, Alexandria. Institute of Oceanography and Fisheries, Kayed Bay, Anfoushy, Alexandria, Egypt

From: 1970 F: 1/A LT: En LS: En/Ar
Abbr.: Bull.Inst.Oceanogr.Fish., Cairo

S262 **Instituto Español de Oceanografía, Boletín,** Madrid. Instituto Español de Oceanografía, Alcalá núm.27, Madrid-14, Spain

From: 1948 F: irr LT: Es LS: En
Abbr.: Bol.Inst.Esp.Oceanogr.

S263 **Instituto Nacional de Investigação das Pescas, Boletim,** Lisboa. Instituto Nacional de Investigação das Pescas, Algés-Praia, Lisboa P-1400, Portugal

From: 1979 F: 2/A LT: Pt LS: En/Fr
Abbr.: Bol.Inst.Nac.Invest.Pescas (Port.)

S264 **International Center for Aquaculture, Research and Development Series,** Auburn. International Center for Aquaculture, Agriculture Experiment Station, Auburn University, Auburn, Alabama 36830, USA

From: 1971 F: irr. LT: En LS: En
Abbr.: Res.Dev.Ser.Int.Cent.Aquacult.Auburn Univ.Ala.

S267 **International Center for Living Aquatic Resources Management, Studies and Reviews,** Manila. ICLARM, MCC P.O. Box 1501, Makati, Metro Manila, Philippines

From: 1979 F: irr. LT: En LS: En
Abbr.: ICLARM Stud.Rev.

S268 **International Center for Living Aquatic Resources Management, Technical Report,** Manila. ICLARM, MCC P.O. Box 1501, Makati, Metro Manila, Philippines

From: 1981 F: irr. LT: En LS: En
Abbr.: ICLARM Tech.Rep.

S269 **International Center for Living Aquatic Resources Management, Translations,** Manila. ICLARM, MCC P.O. Box 1501, Makati, Metro Manila, Philippines

From: 1980 F: irr. LT: En LS: En
Abbr.: ICLARM Transl.

S270 **International Development Research Centre, Publication,** Ottawa. IDRC, P.O. Box 8500, Ottawa, Canada K1G 3H9

From: 1971 F: irr. LT: En/Fr
Abbr.: Publ.IDRC

S271 **International Development Research Centre, Technical Series**, Ottawa. IDRC, P.O. Box 8500, Ottawa, Canada K1G 3H9

From: 1976 F: irr. LT: En/Fr
Abbr.: Tech.Ser.IDRC

S272 **Investigación Pesquera**, Barcelona. Instituto de Investigaciones Pesqueras, Paseo Nacional, s/n, Barcelona-3, Spain

From: 1955 F: 2-3/A LT: Es LS: Es/En
Abbr.: Invest.Pesq., Barc.
Rem.: Publication of the "Consejo Superior de Investigaciones Científicas" and the "Centro Nacional de Investigaciones Pesqueras (CENIP)"

S273 **Istituto di Idrobiologia e Acquacoltura "G. Brunelli", Quaderni dell'**, Sabaudia. Istituto di Idrobiologia e Acquacoltura "G. Brunelli", Casali di Paola, Sabaudia (Latina), Italy

From: 1980 F: irr. LT: It LS: En/Fr/It
Abbr.: Quad.Ist.Idrobiol.Acquacol.G.Brunelli

S274 **Japanese Society of Fisheries Oceanography, Bulletin**, Tokyo. Laboratory of Fisheries Oceanography, Tokyo University of Fisheries, 5-7, Konan 4 Chome, Minato-ku, Tokyo 108, Japan

From: no.36 F: 2/A LT: Ja LS: En
in 1980
Abbr.: Bull.Jap.Soc.Fish.Oceanogr.

S275 **Journal of Aquatic Plant Management**, Fort Myers. Aquatic Plant Management Society, Inc., P.O. Box 06005, Fort Myers, Florida 33906, USA

From: 1962 F: 1/A LT: En LS: En
Abbr.: J.Aquat.Plant Manage.
Rem.: Formerly "Hyacinth Control Journal"

S275.5 **Journal of Aquatic Sciences**, Jos. Nigerian Association for Aquatic sciences, c/o Dr. E.B.C. Ufodike, Dept. Zoology, University of Jos, Jos, Nigeria.

From: 1989 F: 1/A LT: En LS: En
Abbr.: J. Aquat. Sci. (Nigeria)
Rem.: Formerly Nigerian Journal of Applied Fisheries and Hydrobiology (1986-88)

S276 **Journal of the New Alchemists**, Woods Hole. New Alchemy Institute, P.O. Box 47, Woods Hole, Massachusetts 02453, USA

From: 1981 F: 1/A LT: En
Abbr.: J.New Alchem.

S276.1 **Kasetsart University Fishery Research Bulletin**, Bangkok. Faculty of Fisheries, Kasetsart University, Bangkok, Thailand

From: 1964 F: irr. LT: En
Abbr.: Fish.Res.Bull.Kasetsart Univ.

S277 **Krishi Vigyan Patrika/Mariculture Series**, Narakkal. Central Marine Fisheries Research Institute (CMFRI), Narakkal, Cochin 682018, India

From: 1977 F: irr. LT: En/Hi/Malayalam
Abbr.: Krishi Vigyan Patrika/Maricult.Ser., Cochin

S278 **Kuwait Bulletin of Marine Science**, Salmiya. Kuwait Institute for Scientific Research (KISR), Mariculture and Fisheries Department, P.O. Box 1638, Salmiya, Kuwait

From: 1980 F: irr. LT: En LS: En
Abbr.: Kuwait Bull.Mar.Sci.

S279 **Matsya**, Madras. Indian Society of Ichthyologists, 100 Santhome High Road, Madras 600028, India

From: 1975 F: 1/A LT: En LS: En
Abbr.: Matsya, Madras
Rem.: Official Bulletin of the Indian Society of Ichthyologists

S280 **Mie University, Faculty of Fisheries, Bulletin**, Tsu. Faculty of Fisheries, Mie University, 2-80 Edobashi, Tsu, Mie Prefecture, 514-MZ Japan

From: 1974 F: 1/A LT: Ja/En LS: En/Ja
Abbr.: Bull.Fac.Fish.Mie Univ.

S281 **National Research Institute of Aquaculture, Bulletin**, Nansei. National Research Institute of Aquaculture, Nansei, Mie 516-01, Japan

From: 1980 F: irr. LT: Ja/En LS: En/Ja
Abbr.: Bull.Natl.Res.Inst.Aquacult., Japan

S282 **New York Fish and Game Journal**, Albany. Department of Environmental Conservation, Albany, New York 12201, USA

From: 1954 F: 2/A LT: En LS: En
Abbr.: N.Y. Fish Game J.

S282.5 **Nordic Journal of Freshwater Research**, Drottningholm. Institute of Freshwater Research, S-17011 Drottningholm, Sweden.

From: 1988 F: 1/A LT: En LS:
Abbr.: Nordic. J. Freshw. Res.
Rem.: Formerly "Report, Institute of Freshwater Research, Drottningholm" (until 1986)

S283 **Notes et Documents sur la Pêche et la Pisciculture, Nouvelle Série**, Nogent-sur-Marne. Centre Technique Forestier Tropical, 45 bis Avenue de la Belle Gabrielle, F-94130 Nogent-sur-Marne, France

From: 1971 F: irr. LT: Fr LS: Fr
Abbr.: Notes Doc.Pêche Piscic.(Nouv.Sér.)

S284 **Office National des Pêches, Bulletin**, La Goulette. Office National des Pêches, B.P. 13, La Goulette, Tunisie

From: 1977 F: 2/A LT: Fr LS: Fr
Abbr.: Bull.Off.Natl.Pêches (Tunisie)

____ **Papers on Fisheries Economics**, Bergen: see "Fiskeriøkonomiske Smaa-Skrifter" ref. S250

____ **Papers of RIFH Vodnany**, Vodnany: see "Práce VÚRH Vodnany" ref. S285.5

S284.5 **Philippine Council for Agriculture and Resources Research, Fisheries Series**, Los Baños. PCARR Fisheries Research Division, Los Baños, Laguna, Philippines

From: 1981 F: irr. LT: En
Abbr.: Fish.Ser.Philipp.Counc.Agric.Resour.Res.

S285 **Philippines Journal of Fisheries**, Quezon City. Bureau of Fisheries and Aquatic Resources, 860 Quezon Avenue, Box 623, Quezon City, Metro Manila, Philippines

From: 1951 F: 2/A LT: En
Abbr.: Philipp.J.Fish.

S285.5 **Práce VÚRH Vodnany/Papers of RIFH Vodnany**, Vodnany. Research Institute of Fishery and Hydrobiology, CS-38925 Vodnany, Czechoslovakia

From: vol.13, 1984 F: 1/A LT: En LS: En/Cs
Abbr.: Pr.VÚRH Vodnany/Pap.RIFH Vodnany

S286 **Quaderni del Laboratorio di Tecnologia della Pesca**, Ancona. Istituto di tecnologia della pesca del Consiglio Nazionale delle Ricerche (CNR), Molo Mandracchio, Ancona, Italy

From: 1970 F: irr. LT: It LS: En
Abbr.: Quad.Lab.Tecnol.Pesca, Ancona

S287 **Scottish Fisheries Bulletin**, Aberdeen. The Marine Laboratory, P.O. Box 101, Victoria Road, Terry, Aberdeen AB9 8DB, Scotland, UK

From: 1952 F: 2/A LT: En
Abbr.: Scott.Fish.Bull.

S288 **Shui Sheng Sheng Wu Hsueh Chi K'an/Acta Hydrobiologica Sinica**, Beijing. Academia Sinica, K'o Hsueh Chu Pan She (Scientific Publications Office), Beijing, China

From: 1956 F: irr. LT: Ch LS: En
Abbr.: Shui Sheng Sheng Wu Hsueh Chi K'an/Acta Hydrobiol.Sin.

S289 **Southeast Asian Fisheries Development Center, Aquaculture Department, Technical Report**, Tigbauan. Southeast Asian Fisheries Development Center (SEAFDEC), Aquaculture Department, Tigbauan, Iloilo, Philippines

From: 1976 F: irr. LT: En LS: En
Abbr.: Tech.Rep.SEAFDEC Aquacult.Dep., Tigbauan

S290 **Station de Recherches des Eaux et Forêts, Travaux, Série D**, Groenendaal-Hoeilaart. Station de Recherches des Eaux et Forêts, 14 Duboslaan, B-1990 Groenendaal-Hoeilaart, Belgium

From: 1941 F: irr. LT: Fr/Nl LS: En
Abbr.: Trav.Stn.Rech.Eaux For. Groenendaal-Hoeilaart (D)/Werken Proefstn.Waters Bossen Groenendaal-Hoeilaart (D)

S291 **Suomen Kalatalous**, Helsinki. Finnish Game and Fisheries Research Institute, Fisheries Division, Box 193, SF-00131, Helsinki 13, Finland

No. 25 in 1968 F: irr. LT: Fi/En LS: En/Fi
Abbr.: Suom.Kalatal.

S292 **Tokyo University of Fisheries, Journal**, Tokyo. Tokyo University of Fisheries, 4-5-7 Konan, Minato-ku, Tokyo 108, Japan

From: 1950 F: 2/A LT: Ja/En LS: En/Ja
Abbr.: J.Tokyo Univ.Fish.
Rem.: Japanese title "Tokyo Suisan Daigaku Kenkyu Hokoku"

S293 **Travaux sur les Pêcheries du Québec**, Sainte-Foy. Direction Générale des Pêches Maritimes, 2700 Einstein, Sainte-Foy, Québec GIP 3W8, Canada

From: 1964 F: irr. LT: Fr LS: En
Abbr.: Trav.Pêch.Qué.

S296 **Universidad de Caldas, Centro Piscícola Experimental, Informe Técnico**, Manizales. Universidad de Caldas, Sección Piscicultura, Apartado Aéreo 275, Manizales, Colombia

From: 1973 F: irr. LT: Es
Abbr.: Inf.Téc.Cent.Piscíc.Exp.Univ.Caldas

S297 **Universidade Federal de Pernambuco, Departamento de Oceanografia, Série Aquicultura**, Recife. Universidade Federal de Pernambuco, Dep. Oceanografía, Recife, Pernambuco, Brazil

From: 1982 F: irr. LT: Pt.
Abbr.: Sér.Aquicult.Dep.Oceanogr.Univ.Fed.Pernambuco

S305 **World Aquaculture Society, Special Publications**, Baton Rouge. World Aquaculture Society, Division of Continuing Education, Pleasant Hall, Louisiana State University, Baton Rouge, Louisiana 70803, USA

From: 1986 F: irr. LT: En LS: En
Abbr.: Spec.Publ.World Aquacult.Soc.
Rem.: Previously "World Mariculture Society, Special Publications" (1982-85)

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PART 2 - NEWSLETTERS

2.1 LIST OF NEWSLETTERS

N004 **ALA Informativo**, Bariloche. Asociación Latinoamericana de Acuicultura, Casilla 672, 8400 Bariloche, Argentina

From: 1988 F: 6/A LT: Es
Abbr.: ALA Inf.

N005 **ALCOM News**, Lusaka. FAO Aquaculture for Local Community Development Programme, c/o FAO Representative, P.O. Box 3730, Harare, Zimbabwe (Africa)

From: 1988 F: irr. LT: En
Abbr.: ALCOM News
Rem.: FAO regional field project supported by SIDA (Sweden)

N009 **The American Fisheries Society Diary**, Bethesda. American Fisheries Society, 5410 Grosvenor Lane, Bethesda, Maryland 20814, USA

From: F: 52/A LT: En
Abbr.: AFS Diary
Rem.: Weekly report to the Executive Committee from the Office of the Director

N010 **American Fisheries Society, Bio-Engineering Section, Newsletter**, Davis. J. Colt, Dept. Civil Engineering, University of California, Davis, CA 95616, USA

From: 1982 F: 4/A LT: En
Abbr.: Newsl.AFS Bio-Eng.Sect.

N011 **American Fisheries Society, Fish Culture Section, Newsletter**, Austin. Editor, Rutledge, B., Texas Parks and Wildlife Dept., 4200 Smith School Road, Austin, Texas 78744, USA

From: 1987 F: 4/A LT: En
Abbr.: Newsl.AFS Fish Cult.Sect.

N012 **American Fisheries Society, Fish Health Section, Newsletter,** Augusta. Maine Department of Fish and Wildlife, 8 Federal Street, Augusta, Maine 04330, USA

From: 1977 F: 4/A LT: En
Abbr.: Newsl.AFS Fish Health Sect.

N012.5 **Aqua Farm Newsletter,** Iloilo City. Southeast Asian Fisheries Development Center, Aquaculture Department, Information Services Office, P.O. Box 256, Iloilo City, Iloilo, Philippines

From: (?) F: 12/A LT: En LS: En
Abbr.: Aqua Farm Newsl.

N012.6 **Aquabyte,** Manila. ICLARM, MCC P.O. Box 1501, Makati, Metro Manila, Philippines

From: 1988 F: irr. LT: En
Abbr.: Aquabyte
Rem.: Newsletter of the Network of Tropical Aquaculture Sientists

N012.8 **Aquaculture Association of Canada, Bulletin,** Vancouver. Editor. Ms. D. Turnbull, Suite 300, 475 West Georgia Street, Vancouver, BC, Canada V6B 4M9

From: 1984 F: 3/A LT: En/Fr
Abbr.: Bull.Aquacult.Assoc.Canada

N013 **Aquaculture Minutes,** Rome. Inland Water Resources and Aquaculture Service, Fisheries Department, FAO, Via delle Terme di Caracalla, Rome I-00100, Italy

From: 1990 F: irr. LT: En
Abbr.: Aquacult. Min. FAO
Rem.: Previously "ADCP Aquaculture Minutes" (1988-1989)

N013.2 **Aquaculture News,** Stirling. Institute of Aquaculture, University of Stirling, Stirling FK9 4LA, Scotland, UK

From: 1986 F: 2/A LT: En
Abbr.: Aquacult.News

N013.4 **Aquaculture Newsletter,** Buhl. T. O'Keefe, Rangen Inc., 115 13th Avenue South, Buhl, Idaho 83316, USA

From: 1983 F: 4/A LT: En
Abbr.: Aquacult.Newsl.

N013.6 **Aquafarm Letter,** Washington. Publisher C.B. Morrison, P.O. Box 14260, Ben Franklin Station, Washington DC 20044, USA

From: (?) F: 24/A LT: En
Abbr.: Aquafarm Lett.
Rem.: Subtitled "A private letter for aquaculture producers"

N013.8 **Aquanews,** Newport. Program Management Office Pond Dynamics/ Aquaculture CRSP, Hatfield Marine Science Center, Oregon State University, Newport, Oregon 97365, USA

From: 1983 F: 4/A LT: En
Abbr.: Aquanews
Rem.: Subtitled "The Newsletter of the Pond Dynamics/ Aquaculture Collaboration Research Support Program"

N014 **Aquanotes,** Baton Rouge. Office of Sea Grant Development, Louisiana State University, Center for Wetland Resources, Baton Rouge, Louisiana 70803, USA

From: 1972 F: 6/A LT: En
Abbr.: Aquanotes
Rem.: Newsletter of the Sea Grant College Program, Louisiana State University

N014.2 **Aquarius,** Lima. Organización Latinomericana de Desarrollo Pesquero (Oldepesca). Apartado 10168, Lima, Peru.

From: 1978 F: 4/A LT: Sp
Abbr.: Aquarius
Rem.: Boletino Informativo de Oldepesca

N014.3 **Aquatic Farms Newsletter,** Honolulu. Mr. E.D. Scura, Aquatic Farms Ltd., 1164 Bishop Street, Suite 1608, Honolulu, Hawaii 96813, USA

From: 1986 F: irr. LT: En
Abbr.: Aquat.Farms Newsl.

N014.5 **Applied Phycology Forum,** Golden. Editor B. Barclay, SERI, 1671 Cole Blvd., Golden, Colorado 80401, USA

From: 1984 F: 3/A LT: En
Abbr.: Appl.Phycol.Forum
Rem.: Newsletter of the Applied Phycology Section of the Phycological Society of America

N015 **Asian Aquaculture Newsletter**, Iloilo City. Asian Institute of Aquaculture, P.O. Box 256, Iloilo City 5901, Philippines

From: 1979 F: 12/A LT: En
Abbr.: Asian Aquacult.Newsl.

N015.3 **Asociación Argentina de Acuicultura, Boletín**, Bariloche. ASARA, Apartado Postal 21, 8400 Bariloche, Rio Negro, Argentina

From: 1985 F: irr. LT: Es
Abbr.: Bol.Asoc.Argent.Acuicult.

N015.5 **Asociación Venezolana de Acuicultura, Boletín Informativo**, Maracay. Apartado Postal No. 2477, CP 2102, Maracay, Venezuela

From: 1983 F: 3/A LT: Es
Abbr.: Bol.Inf.Asoc.Venez.Acuicult.

N015.7 **Australian Mariculture Association, Newsletter**, Yamba. Mr. W.A. Fanning, President AMA, PO Box 162, Yamba 2464, Australia.

From: 1985 F: irr LT: En
Abbr.: Newsl. Aust. Maricult. Assoc.

N015.8 **Australian Oyster**, Turramurra. Australian Oyster Farmers and Producers Association, P.O. Box 254, Turramurra, New South Wales 2074, Australia

From: 1982 F: (?) LT: En
Abbr.: Aust.Oyster

N016 **Barramundi Aquaculture**, Darwin. Editor C. Shelley, Department of Primary Industry and Fisheries, GPO Box 990, Darwin NT 0801, Australia

From: 1990 F: 4/A LT: En
Abbr.: Barramundi Aquacult.
Rem.: Newsletter for aquaculturists of Lates calcarifer

N017 **Bay of Bengal News**, Madras. FAO Bay of Bengal Programme, Post Bag 1054, Madras 600 018, India

From: 1981 F: 4/A LT: En LS: En
Abbr.: Bay Bengal News

N017.5 **B.C. Shellfish Mariculture Newsletter,** Victoria. W.E. Lorne Clayton, B.C. Marine Resources Branch, Parliament Buildings, Victoria, British Columbia, Canada V8V 1X5

From: 1981 F: 4/A LT: En
Abbr.: B.C. Shellfish Maricult.Newsl.

N018 **BIOTROP Newsletter**, Bogor. Director, BIOTROP, P.O. Box 17, Bogor, Indonesia

No.4 in 1973 F: irr. LT: En
Abbr.: BIOTROP Newsl.
Rem.: Subtitled: "SEAMEO Regional Center for Tropical Biology"

N019 **California Aquaculture**, Davis. University of California, Cooperative Extension, California Sea Grant College Program, 554 Hutchinson Hall, Davis, California 95616, USA

From: 1981 F: 6/A LT: En
Abbr.: Calif.Aquacult.

N019.2 **California Aquatic Farming,** Niland. California Aquatic Farming, P.O. Box 1004, Niland, California 92257, USA

From: 1984 F: 6/A LT: En
Abbr.: Calif.Aquat.Farm.
Rem.: Newsletter of the California Aquaculture Association (CAA)

N019.6 **Caribbean Aquaculture Association, Newsletter**, Mayaguez. Dr. D. Alston, Dept. Marine Science, Univ. Puerto Rico, P.O. Box 5000, Mayaguez, Puerto Rico 00709, USA.

From: 1983 F: irr LT: En
Abbr.: Caribb. Aquacult. Assoc. Newsl.

N020 **The Catch**, Waverly. Central Minnesota Fish Farmers Association, c/o M. Murnyak, Aquaculture Development Project, Wright County CAP, Box 39, Waverly, MN 55390, USA

From: 1981 F: 4/A LT: En
Abbr.: The Catch

N020.2 **Catfish Farmers of Arkansas, Newsletter,** Carlisle. University of Arkansas Cooperative Extension Services, c/o Debbye Harrison, Rt. 2, Box 185, Carlisle, Arkansas 72024, USA

From: 1983 F: (?) LT: En
Abbr.: Newsl.Catfish Farmers Arkansas

N020.4 **Catfish Journal**, Jackson. Catfish Farmers of America (CFA), P.O. Box 34, Jackson, Mississippi 39205, USA

From: (?) F: 12/A LT: En
Abbr.: Catfish J.

N021 **CMFRI Newsletter**, Cochin. Central Marine Fisheries Research Institute, Cochin 682 018, India

No.5 in 1977 F: irr. LT: En
Abbr.: CMFRI Newsl.

N021.3 **Coastal Aquaculture,** Corpus Christi. Editor, Texas A and M Research and Extension Center, Rt. 2, Box 589, Corpus Christi, Texas 78410, USA

From: 1984 F: 12/A LT: En
Abbr.: Coast.Aquacult.

N021.6 **Commission du Pacifique Sud, Lettre d'Information sur les Pêches,** Noumea. Commission du Pacifique Sud, B.P. D5, Noumea Cedex, Nouvelle Calédonie

From: 1971 F: 4/A LT: Fr
Abbr.: CPS Lett.Inf.Pêches
Rem.: Also issued in English, see ref. N051

N022 **Crawfish News**, Lafayette. Crawfish Research Center, P.O. Box 44650, USL, Lafayette, Louisiana 70504, USA

From: (?) F: (?) LT: En
Abbr.: Crawfish News

N022.5 **Crawfish Tales,** Lafayette. Louisiana Crawfish Farmers' Association, P.O. Box 91544, Lafayette, Louisiana 70509, USA

From: 1982 F: 4/A LT: En
Abbr.: Crawfish Tales

N023 **Crustacean Reprobiology and Aquaculture Bureau, Newsletter**, Madras. Dr. T. Subramoniam (Editor), Unit of Invertebrate Reproduction, Department of Zoology, University of Madras, Madras 600 005, India

From: 1981 F: irr. LT: En
Abbr.: Newsl.Crust.Reprobiol.Aquacult.Bur.

N024 **EAFP-Newsletter**, Hannover. European Association of Fish Pathologists, c/o Dr. H.J. Schlotfeldt, General Secretary, FSGD Bunteweg 17, D-3000 Hannover 71, Germany

From: ?1979/80 F: (?) LT: En
Abbr.: Newsl.Eur.Assoc.Fish Pathol.

N024.2 **EC Fisheries Cooperation/CE Coopération Pêche, Bulletin**, Brussels. Editor C. Nauen, DG VIII/D/5 European Economic Community, 200 rue de la Loi, Brussels B-1049, Belgium

From: 1988 F: 4/A LT: En/Fr
Abbr.: Bull. EC Fish. Coop./CE Coop. Pêche
Rem.: News on fisheries and aquaculture activities supported by the European Economic Community

N024.5 **Echo-Système, Le Magazine de l'Etang**, Paris. Institut Technique de l'Aviculture (ITAVI), Cellule Technique Aquacole, 28 rue du Rocher, F-75008 Paris, France

From: 1986 F: 4/A LT: Fr
Abbr.: Echo-Système

N025 **Ecodevelopment News**, Paris. International Research Center on Environment and Development, 54 Boulevard Raspail, F-75270 Paris Cedex 06, France

From: (?) F: 4/A LT: En
Abbr.: Ecodev.News
Rem.: Also published in French under the title "Nouvelles de l'écodéveloppement"

N027 **Fischwirt, Zeitschrift fuer die Binnenfischerei**, Munich. Verlagsgesellschaft Allgemeine Fischerei-Zeitung AFZ-Fischwaid mbH, Herzog Heinrich-Str. 19, 8 Munich 15, Germany

From: 1972 F: 12/A LT: De
Abbr.: Fischwirt
Rem.: Published as a supplement to AFZ-Fishwaid

N027.5 **Fishbyte,** Manila. ICLARM, MCC P.O. Box 1501, Makati, Metro Manila, Philippines

From: 1983 F: 3/A LT: En
Abbr.: Fishbyte
Rem.: Subtitled "Newsletter of the Network of Tropical Fisheries Scientists"

N028 **Fisheries Economics Newsletter,** Edinburgh. N.B. McKellar, Secretary, Fishery Economics Research Unit, Sea Fish Industry Authority, 10 Young St., Edinburgh, EH2 4JQ, Scotland, UK

From: (?) F: 2/A LT: En
Abbr.: Fish.Econ.Newsl.

N029 **Fish Health News,** Kearneysville. USDI/FWS National Fish Health Research Laboratory, Box 700, Kearneysville, West Virginia 25430, USA

No.4 in 1975 F: 4/A LT: En
Abbr.: Fish Health News

N029.5 **Fish Health Section Newsletter,** Manila. Editors, Fish Health Section, Asian Fisheries Society, c/o ICLARM MCC P.O. Box 1501, Makati, Metro Manila, Philippines

From: 1990 F: irr. LT: En
Abbr.: Fish Health Sec. Newsl. AFS (Manila)

N030 **Fishlines,** Jefferson City. L. Belusz, Editor, Missouri Dept. Conservation, P.O. Box 180, Jefferson City, Missouri 65102, USA

From: (?) F: 4/A LT: En
Abbr.: Fishlines

N030.4 **Florida Aquaculture Association Newsletter,** Tallahassee. T. Hennessy, Florida Aquaculture Association, P.O. Box 3989, Tallahassee, Florida 32315, USA

From: 1984 F: 4/A LT: En
Abbr.: Fla.Aquacult.Assoc.Newsl.

N030.7 **Food and Fertilizer Technology Center, Extension Bulletin,** Taipei. Food and Fertilizer Technology Center, P.O. Box 22-149, Taipei City, Taiwan, China

From: (?) F: irr. LT: En
Abbr.: Ext.Bull.Food Fert.Technol.Cent., Taipei

N031 **For Fish Farmers**, Mississippi State. Cooperative Extension Service, Mississippi State University and U.S. Dep. Agriculture, c/o Dr. T. Wellborn, Mississippi Cooperative Extension Service, P.O. Box 5405, Mississippi State, MS 39762, USA

From: (?) F: 4/A LT: En
Abbr.: For Fish Farmers

N031.5 **Freshwater Aquaculture Association Newsletter**, St. Lucia. Editor Dr. D. Fielder, Zoology Department, University of Queensland, St. Lucia, Queensland 4607, Australia

From: 1985 F (?) LT: En
Abbr.: Freshwat.Aquacult.Assoc.Newsl.
Rem.: Produced by the Freshwater Aquaculture Association

N032 **La Gazette Officielle de la Pêche**, Paris. Office des Nouvelles Internationales (Agence de Presse), 12 rue de Miromesnil, F-75008 Paris, France

From: 1959 F: 3/M LT: Fr
Abbr.: Gaz.Off.Pêche
Rem.: Subtitled "Bulletin tri-mensuel d'informations et de liaisons des dirigeants de la pêche"

N033 **Hawaiian Shell News**, Honolulu. Hawaiian Malacological Society, P.O. Box 10391, Honolulu, Hawaii 96816, USA

From: 1952 F: 12/A LT: En
Abbr.: Hawaii.Shell News

N034 **ICA Communicae**, Auburn. International Center for Aquaculture, Department of Fisheries and Allied Aquacultures, Auburn University Agriculture Experiment Station, Auburn, Alabama 36830, USA

From: 1979 F: 4/A LT: En
Abbr.: ICA Commun., Auburn
Rem.: Subtitled "Auburn University, International Center of Aquaculture Newsletter"

N035 **ICES/CIEM Information**, Copenhagen. International Council for the Exploration of the Sea, Palaegade 2-4, DK-1261, Copenhagen, Denmark

From: 1981 F: irr. LT: En
Abbr.: ICES/CIEM Inf.

N037 **The IDRC Reports**, Ottawa. Communications Division, International Development Research Centre, P.O. Box 8500, Ottawa K1G 3H9, Canada

From: 1972 F: 4/A LT: En
Abbr.: IDRC Rep.
Rem.: Also available in French and in Spanish

N038 **Informationen fuer die Fischwirtschaft**, Hamburg. Bundesforschungsanstalt fuer Fischerei, Palmaille 9, D-2000 Hamburg 50, Germany

From: 1954 F: 6/A LT: De
Abbr.: Inf.Fischwirtsch.

N038.3 **Informativo Chileno de Acuicultura**, Osorno. Centro de Datos y Comunicaciones de Acuicultura (CEDCA), Casilla 575, Correo Osorno, Chile

From: 1983 F: (4/A) LT: Es
Abbr.: Inf.Chil.Acuicult.

N038.5 **International Association of Astacology, Newsletter**, Memphis. Dr. James F. Payne, IAA, Department of Biology, Memphis State University, Memphis, Tennessee 38152, USA

From: (?) F: 4/A LT: En
Abbr.: IAA Newsl.

N038.6 **International Association for Genetics in Aquaculture, Newsletter**, Davis. Dr. G. Gall, Secretary IAGA, Department of Animal Science, University of California, Davis, California 95616, USA

From: 1985 F: irr. LT: En
Abbr.: IAGA Newsl.Dep.Anim.Sci.Univ.Calif.

N039 **IPFC Newsletter**, Bangkok. Indo-Pacific Fishery Commission, Maliwan Mansion, Phra Atit Road, Bangkok 2, Thailand

From: 1978 F: 6/A LT: En
Abbr.: IPFC Newsl.

N040 **The Irish Aquaculturist**, Dublin. Secretary, Irish Aquaculture Association, P.O. Box 275, Ballsbridge, Dublin 4, Ireland

From: 1980 F: 6/A LT: En
Abbr.: Ir.Aquacult.
Rem.: Publication of the Irish Aquaculture Association incorporated in the regular journal "Aquaculture Ireland" see ref. S022.5

N040.5 **Larviculture and Artemia Newsletter**, Ghent. Editor P. Sorgeloos, State University, Faculty of Agricultural Sciences, Lab. Aquaculture and Artemia Reference Center, Rozier 44, B-9000 Ghent, Belgium

From: 1990 F: irr. LT: En
Abbr.: Larvicult. Artemia Newsl.
Rem.: Formerly "Artemia Newsletter" (1986-1989)

N041 **MAA News**. Damariscotta. Maine Aquaculture Association, P.O. Box 535, Damariscotta, ME 04543, USA

From: 1981 F: 4/A LT: En
Abbr.: Maine Aquacult.Assoc.News

N042 **Marine Turtle Newsletter**, Toronto. Department of Zoology and Psychology, University of Toronto, Toronto, Ontario M5S 1A1, Canada

From: 1976 F: 3-4/A LT: En
Abbr.: Mar.Turtle Newsl.

N043 **Maritimes**, Kingston. Graduate School of Oceanography, University of Rhode Island, Kingston, Rhode Island 02881, USA

From: 1957 F: 4/A LT: En
Abbr.: Maritimes

N043.3 **Maryland Aquafarmer**, Easton. Editor Don Webster, University of Maryland, Cooperative Extension Service, Talbot Country Office, P.O. Box 519, Easton, Maryland 21601, USA

From: 1986 F: 4/A LT: En
Abbr.: Md.Aquafarmer

N043.4 **Mollusk Farming USA**, San Diego. Aquaculture Digest, Editor, 9434 Kearny Mesa Road, San Diego, California 92126, USA.

From: 1989 F: 6/A LT: En
Abbr.: Mollusk Farming USA
Rem.: Subtitled "A bimonthly report on clam, mussel and oyster farming" formerly part of "Aquaculture Digest" (1976-89)

N043.5 **NACA Newsletter**, Bangkok. Network of Aquaculture Centres in Asia, National Inland Fisheries Institute, Kasetsart University Campus, Bangkhen, Bangkok, Thailand

From: 1982 F: 4/A LT: En
Abbr.: NACA Newsl.

N043.6 **National Shellfisheries Association Quarterly Newsletter**, Lewes. Editor, J. Ewart, College of Marine Fisheries, University of Delaware, Lewes, DE 19958, USA

From: (?) F: 4/A LT: En
Abbr.: Q.Newsl.Natl.Shellfish.Assoc.(U.S.)

N044 **Net Gains**, Auburn. Alabama Cooperative Extension Service, Auburn University, Auburn, AL 36849, USA

From: 1982 F: 6/A LT: En
Abbr.: Net Gains Ala.Cooper.Ext.Serv., Auburn

N045 **Northwest Fish Hatchery Newsletter**, Corvallis. D. Ewing, Oregon Department of Fish and Wildlife, Fish Research Lab. 303 Extension Hall, Oregon State University, Corvallis, OR 97331, USA

From: 1985 F: 3-4/A LT: En
Abbr.: Northwest Fish Hatch. Newsl.

N045.5 **Out of the Shell**, Halifax. Coordinator IDRC Mollusc Culture Network c/o B. Field, Biology Dept., Dalhousie University, Halifax NSB3H 4JI, Canada

From: 1989 F: irr. LT. En
Abbr.: Out-of-the-Shell (Halifax)
Rem.: Newsletter of IDRC's Mollusc Culture Network

N046 **The Overseas Development Administration, Fisheries Newsletter**, London. ODA, Eland House, Stag Place, London SW1E 5DH, England, UK

From: (?) F: 1/A LT: En
Abbr.: Fish.Newsl.Overseas Dev.Adm.(G.B.)

N046.4 **Ponderings**, Cullowhee. Joint PVO/University Rural Development Center, Western Carolina University, Cullowhee, North Carolina 28723, USA

From: 1985 F: 4/A LT: En
Abbr.: Ponderings, Cullowhee, N.C.
Rem.: Subtitled "A quarterly newsletter of the Water Harvesting/Aquaculture Project"

N046.6 **Practical Aquaculture and Lake Management (PALM)**, Garner. Aquaculture Advisory Service, P.O. Box 1294, Garner, North Carolina 27529, USA

From: 1989 F: 6/A LT: En
Abbr.: Pract. Aquacult. Lake Managt.
Rem.: Formerly Carolina Aquaculture News (1983-88)

N046.8 **SEAFDEC Asian Aquaculture**, Iloilo City. Southeast Asian Fisheries Development Center, Aquaculture Department, Information Services Office, P.O. Box 256, Iloilo City, Iloilo, Philippines

From: 1978 F: 12/A LT: En
Abbr.: SEAFDEC Asian Aquacult., Iloilo

N047 **SEAFDEC Newsletter**, Bangkok. Southeast Asian Fisheries Development Center, Liaison Office, 956 Olympia Building, Rama 4 Road, Bangkok, Thailand

From: 1977 F: 4/A LT: En
Abbr.: SEAFDEC Newsl., Bangkok

N048 **Sea Grant Today**, Blacksburg. Extension Division, Virginia Polytechnic Institute and State University, Sea Grant Program Office, Blacksburg, Virginia 24061, USA

From: 1980 F: 6/A LT: En
Abbr.: Sea Grant Today
Rem.: A publication of the US National Oceanic and Atmospheric Administration. Supersedes "Sea Grant Seventies" (1970-79)

N049 **Shellfisheries Newsletter**, Wellington. Fisheries Research Division, Ministry of Agriculture and Fisheries, P.O. Box 19062, Wellington, New Zealand

From: 1977 F: 4/A LT: En
Abbr.: Shellfish.Newsl.(N.Z.)

N049.5 **Sinet Newsletter**, Addis Ababa. Faculty of Science, Box 1176, Addis Ababa, Ethiopia

From: vol.6, 1983 F: 12/A LT: En
Abbr.: Sinet Newsl., Addis Ababa
Rem.: Editorial Office, P.O. Box 31226, Addis Ababa

N050 **Southeast Texas Crawfish Newsletter**, College Station. Texas Agricultural Extension Service, Texas A & M University, College Station, Texas 77843, USA

From: No.7, 1981 F: (?) LT: En
Abbr.: Southeast Tex.Crawfish Newsl.

N051 **South Pacific Commission, Fisheries Newsletter**, Noumea. South Pacific Commission, B.P. D5 Noumea Cedex, New Caledonia

From: 1971 F: 4/A LT: En
Abbr.: SPC Fish.Newsl.
Rem.: Also issued in French, see ref. N021.6

N051.1 **SPORE**, Wageningen. Technical Centre for Agricultural and Rural Cooperation, Postbus 380, NL-6700 AJ Wageningen, Netherlands.

From: F: 6/A LT: En/Fr
Abbr.: SPORE
Rem.: International bulletin for dissemination of scientific and technical information, with support of the European Economic Community

N051.3 **Tilapia**, Brussels. Editor E. Tottosy, 3 Avenue Lambeau, B-1200 Brussels, Belgium

From: (1983) F: 4/A LT: Fr/En/Nl
Abbr.: Tilapia, Brussels
Rem.: Flash published by the Tilapia Food Aid Organization (TFAO)

N051.7 **USDA Aquaculture Extension Newsletter,** Washington. Editor Meryl Broussard, National Program Leader, USDA ES-NR & RD, Room 3871, South Building, Washington DC 20250, USA

From: 1986 F: 6/A LT: En
Abbr.: USDA Aquacult.Ext.Newsl.

N052 **VITA News,** Mount Rainier. Volunteers in Technical Assistance, 3706 Rhode Island Avenue, Mount Rainier, Maryland 20822, USA

From: (?) F: 4/A LT: En
Abbr.: VITA News, Mount Rainier, Md.

N052.5 **Washington Aquatic Farms Newsletter,** Bay Center. The Washington Aquaculture Council, P.O. Box 324, Bay Center, Washington 98527, USA

From: (?) F: 6/A LT: En
Abbr.: Washington Aquatic Farms Newsl.

N052.8 **World Aquaculture News,** Arlington. J.E. Davis, P.O. Box 150129, Arlington, Texas 76015, USA

From: 1988 F: 12/A LT: En
Abbr.: World Aquacult. News

N060. **World Shrimp Farming,** San Diego. Aquaculture Digest, Editor, 9434 Kearny Mesa Road, San Diego, California 92126, USA

From: 1989 F: 6/A LT: En
Abbr.: World Shrimp Farming
Rem.: Subtitled "A bimonthly report on shrimp and prawn farming"; formerly part of "Aquaculture Digest" (1976-1989)

2.2 INDEX OF ASSOCIATIONS AND INSTITUTIONS

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National Shellfisheries Association: 043.6
Network of Aquaculture Centres in Asia: 043.5

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Organización Latinomericana de Desarrollo Pesquero (Oldepesca): 014.2
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PART 3 - PROCEEDINGS AND REPORTS OF MEETINGS

3.1 LIST OF PROCEEDINGS SERIES

P001 **Association of Midwest Fish and Wildlife Commissioners,** Lansing. Association of Midwest Fish and Wildlife Commissioners, Department of Natural Resources, 408 Kalamazoo Plaza, Lansing, Minnesota 48914, USA

From: 1934 F: 1/A LT: En
Abbr.: Proc.Assoc.Midwest Fish Wildl.Comm.
Rem.: Issuing body varies: formerly Association of Midwest Fish and Game Commissioners

P002 **Fish Farmers of Texas, Fish Farming Conference and Annual Convention,** College Station. Texas Agricultural Extension Service, Department of Wildlife and Fisheries, Texas A & M University, College Station, Texas 77840, USA

From: 1971 F: 1/A LT: En
Abbr.: Proc.Fish Farming Conf.Annu.Conv.Fish Farmers, College Station, Tex.
Rem.: Formerly Fish Farming Conference (1967-69)

P003 **Freshwater Crayfish.** Papers from the International Symposium on Freshwater Crayfish. Imprint varies

From: 1973 F: 1/2A LT: En/Fr LS: En/Fr
Abbr.: Freshwat.Crayfish
Rem.: Proceedings of the symposia of the International Association of Astacology

P003.5 **IFREMER, Actes de Colloques,** Brest. IFREMER, Centre de Brest, B.P. 337, F-29273 Brest Cedex, France

From: 1985 F: irr. LT: En/Fr LS: En/Fr
Abbr.: Actes Colloq.IFREMER
Rem.: Previously CNEXO, Actes de Colloques (1974-1984)

P004 **Indo-Pacific Fishery Commission**, Bangkok. IPFC Secretariat, FAO Regional Office, Maliwan Mansion, Phra Atit Road, Bangkok 10200, Thailand

From: 1978 F: 1/2A LT: En
Abbr.: Proc.IPFC
Rem.: Previously Indo-Pacific Fisheries Council (1949-77)

P004.5 **International Center for Living Aquatic Resources Management, Conference Proceedings**, Manila. ICLARM, MCC P.O. Box 1501, Makati, Metro Manila, Philippines

From: 1980 F: irr. LT: En
Abbr.: ICLARM Conf.Proc.

P005 **International Seaweed Symposium, Proceedings**. Imprint varies

From: 1953 F: 1/3A LT: En/Fr LS: En/Fr
Abbr.: Proc.Int.Seaweed Symp.

P006 **Internationale Vereinigung fuer Theoretische und Angewandte Limnologie/International Association of Theoretical and Applied Limnology**, Stuttgart. E. Schweizerbart'sche Verlagsbuchhandlung. Internationale Vereinigung fuer theoretische und angewandte Limnologie, Stuttgart, Federal Republic of Germany

From: 1922 F: 1/2A LT: En/Fr/De
Abbr.: Verh.Int.Ver.Theor.Angew.Limnol.

P007 **Japan-Soviet Joint Symposium on Aquaculture**, Tokyo. Tokai University Press, Shinjuku Tokai Building, 3-27-4 Shinjuku, Shinjuku-ku, Tokyo 160, Japan

From: 1973 F: 1/A LT: En/Ja/Ru LS: En
Abbr.: Proc.Japan-Sov.Jt.Symp.Aquacult.

P009 **Maryland Aquaculture Conference, Annual**, College Park. Cooperative Extension Service, University of Maryland, College Park, Maryland 20742, USA

From: 1979 F: 1/A LT: En
Abbr.: Proc.Annu.Md.Aquacult.Conf.

P010 **National Shellfish Sanitation Workshop (U.S.)**, Washington. Public Health Service, Department of Health, Education and Welfare, Shellfish Sanitation Branch, 200 "C" Street, S.W., Washington, D.C. 20204, USA

No.3 in 1958 F: irr. LT: En LS: En
Abbr.: Proc.Nat.Shellfish Sanit.Workshop (U.S.)

P012 **Simposio Brasileiro de Aquicultura, Anais,** Brasilia. Superindência do Desenvolvimento da Pesca (SUDEPE), Brasilia, Brazil

From: 1980 F: 1/2A LT: Pt
Abbr.: An.Simp.Bras.Aquicult.
Rem.: Proceedings of first symposium held in 1978 has been published by Academia Brasileira de Ciências, Rio de Janeiro

P013 **Simposio Latinoamericano de Acuacultura, Memorias.** Imprint varies

From: 1978 F: 1/A LT: Es LS: Es
Abbr.: Mem.Simp.Latinoam.Acuacult.

P014 **Southeastern Association of Fish and Wildlife Agencies, Annual Conference**, Frankfort. Southeastern Association of Fish and Wildlife Agencies, Capital Plaza Tower, 4th Floor, Frankfort, Kentucky 40501, USA

From: 1976 F: 1/A LT: En LS: En
Abbr.: Proc.Annu.Conf.Southeast.Assoc.Fish Wild. Agencies
Rem.: Previously Southeastern Association of Game and Fish Commissioners (1954-75)

P014.5 **Tungkang Marine Laboratory Conference Proceedings,** Tungkang. Tungkang Marine Laboratory, Tungkang, Pingtung, Taiwan 916, China

From: 1984 F: irr. LT: En LS: Ch
Abbr.: Conf.Proc.Tungkang Mar.Lab.

P015 **The Two Lakes Fishery Management Training Course,** Chislehurst. Janssen Services, 33a High Street, Chislehurst, Kent BR7 5AE, England, UK

From: 1970 F: 1/A LT: En
Abbr.: Two Lakes Fish.Manage.Train.Course Rep.

P016 **Western Association of State Game and Fish Commissioners, Annual Conference**, Boise. Western Association of State Game and Fish Commissioners, P.O. Box 25, Boise, Idaho 83707, USA

From: 1940 F: 1/A LT: En
Abbr.: Proc.Annu.Conf.West.Assoc.State Game Fish Comm.

P017 **World Aquaculture Society, Journal of the**, Baton Rouge. World Mariculture Society, Louisiana State University, Division of Continuing Education, Baton Rouge, Louisiana 70803, USA

From: 1986 F: 4/A LT: En LS: En
Abbr.: J.World Aquacult.Soc.
Rem.: Formerly Proceedings of the Annual Workshop (1970-74), Proceedings of the Annual Meeting (1975-80) and Journal (1981-85), of the World Mariculture Society

3.2 MEETINGS HELD IN 1966-1969

1 9 6 6

P020 **Gaudet, J.-L.** (ed.), 1967. Symposium on feeding in trout and salmon culture. Symposium sur l'alimentation dans l'élevage de la truite et du saumon. Fourth session European Inland Fisheries Advisory Commission. Quatrième session Commission Européenne Consultative pour les Pêches dans les Eaux Intérieures. Belgrade, Yugoslavia, 9-14 May, 1966. EIFAC Tech.Pap., (3):94 p.

P021 **Gerking, S.D.** (ed.), 1967. The biological basis of freshwater fish production. A symposium sponsored by the Sectional Committee on Productivity of Freshwater Communities of the International Biological Programme, held at the University of Reading, Reading, England, 1-6 September 1966. Oxford, Blackwell Scientific Publications, 495 p.

P022 **Pillay, T.V.R.** (ed.), 1967. Proceedings of the World Symposium on warm-water pond fish culture. Rome, Italy, 18-25 May, 1966. FAO Fish.Rep., (44)vol.1:55 p. Issued also in French and Spanish

P023 **Pillay, T.V.R.** (ed.), 1967. Proceedings of the FAO World Symposium on warm-water pond fish culture. Actes du Symposium mondial organisé par la FAO sur la pisciculture en étang à température élevée. Actas del Simposio mundial de la FAO sobre piscicultura en estanques de agua templada. Rome, Italy, 18-25 May 1966/Rome, Italie, 18-25 mai 1966/Roma, Italia, 18 a 25 de mayo 1966. Vol.2. Regional and country reports. Rapports régionaux et nationaux. Informes regionales y nacionales. FAO Fish.Rep., (44)vol.2:174 p.

P024 **Pillay, T.V.R.** (ed.), 1967. Proceedings of the FAO World Symposium on warm-water pond fish culture. Actes du Symposium mondial organisé par la FAO sur la pisciculture en étang à température élevée. Actas del Simposio mundial de la FAO sobre piscicultura en estanques de agua templada. Rome, Italy, 18-25 May 1966/Rome, Italie, 18-25 mai 1966/Roma, Italia, 18 a 25 de mayo 1966. Vol.3. Review and experience papers of meetings 2 and 3. Etudes spécialisées et comptes rendus d'expériences des réunions 2 et 3. Documentos de información y experiencias de las reuniones 2 y 3. FAO Fish. Rep., (44)vol.3:423 p.

P025 **Pillay, T.V.R.** (ed.), 1968. Proceedings of the FAO World Symposium on warm-water pond fish culture. Actes du Symposium mondial organisé par la FAO sur la pisciculture en étang à température élevée. Actas del Simposio mundial de la FAO sobre piscicultura en estanques de agua templada. Rome, Italy, 18-25 May 1966/Rome, Italie, 18-25 mai 1966/Roma, Italia, 18 a 25 de mayo 1966. Vol.4. Review, experience and working papers of 4, 5 and 6. Etudes spécialisées, comptes rendus d'expériences et documents de travail des réunions 4, 5 et 6. Documentos de información, experiencias y trabajo de las reuniones 4, 5 y 6. FAO Fish.Rep., (44)vol.4:492 p.

P026 **Pillay, T.V.R.** (ed.), 1968. Proceedings of the FAO World Symposium on warm-water pond fish culture. Actes du Symposium mondial organisé par la FAO sur la pisciculture en étang à température élevée. Actas del Simposio mundial de la FAO sobre piscicultura en estanques de agua templada. Rome, Italy, 18-25 May 1966/Rome, Italie, 18-25 mai 1966/Roma, Italia, 18 a 25 de mayo 1966. Vol.5. Review and experience papers of meetings 7, 8 and 9. Etudes spécialisées et comptes rendus d'expériences des réunions 7, 8 et 9. Documentos de información y experiencias de las reuniones 7, 8 y 9. FAO Fish.Rep., (44)vol.5:411 p.

1 9 6 7

P027 **Mistakidis, M.N.** (ed.), 1968. Proceedings of the World Scientific Conference on the biology and culture of shrimps and prawns. Mexico City, Mexico, 12-21 June, 1967. FAO Fish.Rep., (57)vol.1:75 p. Issued also in French and Spanish

P028 **Mistakidis, M.N.** (ed.), 1969. Proceedings of the World Scientific Conference on the biology and culture of shrimps and prawns. Actes de la Conférence scientifique mondiale sur la biologie et l'élevage des crevettes. Actas de la Conferencia científica mundial sobre la biología y cultivo de camarones y gambas. Mexico City, Mexico, 12-21 June, 1967/ Mexico, Mexique, 12-21 Juin 1967/Ciudad de México, México, 12-21 junio 1967. Vol.2. Review, regional summary and experience papers. Exposés généraux, résumé d'expériences. Documentos de reseña, resumen regional y documentos de investigación. FAO Fish.Rep., (57)vol.2:77-587

P029 **Mistakidis, M.N.** (ed.), 1969. Proceedings of the World Scientific Conference on the biology and culture of shrimps and prawns. Actes de la Conférence scientifique mondiale sur la biologie et l'élevage des crevettes. Actas de la Conferencia científica mundial sobre la biología y cultivo de camarones y gambas. Mexico City, Mexico, 12-21 June, 1967/ Mexico, Mexique 12-21 Juin 1967/Ciudad de México, México, 12-21 junio 1967. Vol.3. Experience papers, Comptes rendus d'expériences. Documentos de investigación. FAO Fish.Rep., (57)vol.3: 589-1165

P030 **Mistakidis, M.N.** (ed.), 1970. Proceedings of the World Scientific Conference on the biology and culture of shrimps and prawns. Actes de la Conférence scientifique mondiale sur la biologie et l'élevage des crevettes. Actas de la Conferencia científica mundial sobre la biología y cultivo de camarones y gambas. Mexico City, Mexico, 12-21 June, 1967/ Mexico, Mexique 12-21 Juin 1967/Ciudad de México, México, 12-21 junio 1967. Vol.4. Species synopses. Synopsis d'espèces. Sinopsis de especies. FAO Fish.Rep., (57) vol.4:1167-627

P031 **Snieszko, S.F.** (ed.), 1970. A symposium on diseases of fish and shellfish. Spec.Publ.Am.Fish.Soc., (5):528 p.

1 9 6 8

P032 **Central Inland Fisheries Research Institute (Indian Council of Agricultural Research)**, 1972. Seminar on production of quality fish seed for fish culture, 1-2 November 1968. Discussion papers and proceedings. Barrackpore, West Bengal, CIFRI, 307 p.

P033 **Gaudet, J.-L.** (ed.), 1969. Symposium on new developments in carp and trout nutrition. Fifth session European Inland Fisheries Advisory Commission. Symposium sur les récents développements dans la nutrition de la carpe et de la truite. Cinquième session Commission Européenne Consultative pour les Pêches dans les Eaux Intérieures. Rome, Italy, 20-24 May 1968. EIFAC Tech.Pap., (9): 213 p.

P034 **McNeil, W.J.** (ed.), 1970. Selected papers from the Conference on marine aquaculture, Oregon State University Marine Science Center, Newport, Oregon, 23-24 May 1968. Corvallis, Oregon State University Press, 172 p.

P035 **Marine Biological Association of India**, 1970. Proceedings of the Symposium on Mollusca held at Cochin, 12-16 January 1968. Symp.Ser.Mar.Biol.Assoc.India, (3), 3 vols (Pts 1-3):1051 p.

1 9 6 9

P036 **Price, K.S.** and **D.L. Maurer** (eds), 1971. Proceedings of the Conference on artificial propagation of commercially valuable shellfish (Oysters). 22-23 October 1969. Newark, University of Delaware, College of Marine Studies, 212 p.

P037 **University of Georgia**, 1969. Proceedings of Conference on commercial fish farming. Sponsored by University of Georgia, Cooperative Extension Service and Institute of Community and Area Development, 27-28 January 1969. Athens, University of Georgia, Centre for Continuing Education, 85 p.

P038 **Youngken, Jr., H.W.**, 1970. Food-drugs from the sea. Proceedings of a Conference held in Kingston, Rhode Island, on 24-27 August 1969. Washington, D.C., Marine Technology Society, 396 p.

P039 **Zajic, J.E.** (ed.), 1970. Properties and products of algae. Proceedings of the Symposium sponsored by the Division of Microbial Chemistry and Technology of the American Chemical Society held in New York City, 7-12 September 1969. New York, Plenum Press, 154 p.

3.3 MEETINGS HELD IN 1970-79

1 9 7 0

P040 **Andrews, J.W.** (ed.), 1970. Proceedings of Conference on high density Fish Culture. Held at Skidaway Institute of Oceanography, Skidaway Island, Savannah, Georgia, 27 February 1970. Skidaway Inst.Publ., Savannah, Ga., (1):86 p.

P041 **Gaudet, J.-L.** (ed.), 1971. Report of the 1970 Workshop of fish feed technology and nutrition. Organized by FAO/EIFAC in collaboration with the Bureau of Sport Fisheries and Wildlife at the warm-water fish cultural laboratories, Stuttgart, Arkansas, 7-19 September 1970. Resour.Publ.U.S.Fish.Wildl.Serv., (102):207 p.

P043 **Pillay, T.V.R.**, 1972. Coastal aquaculture in the Indo-Pacific region. Papers presented at the Indo-Pacific Fisheries Council Symposium on coastal aquaculture, Bangkok, Thailand, 18-21 November 1970. West Byfleet, Surrey, Fishing News (Books) for IPFC and FAO, 497 p.

1 9 7 1

P044 **Loftus, K.H.** and **H.A. Regier** (eds), 1972. Proceedings of the Symposium on Salmonid communities in oligotrophic lakes (SCOL), 1971. J.Fish.Res.Board Can., 29(6):613-986

P045 **Ramos, A.H.** y **A.H. Rodriguez**, 1971. Primer Seminario sobre piscicultura en Colombia. Universidad de Caldas, 12-16 Enero de 1971. Medellin, Colombia, Instituto de Desarrollo de los Recursos Naturales Renovables, 16 p.

1 9 7 2

P046 **Dill, W.A.** (ed.), 1973. Report of the Symposium on the major communicable fish diseases in Europe and their control, organized by FAO/EIFAC with the support of OIE. Amsterdam, 20-22 April 1972. EIFAC Tech.Pap., (17): 40 p. Issued also in French

P047 **Dill, W.A.** (ed.), 1973. Symposium on the major communicable fish diseases in Europe and their control. Panel reviews and relevant papers. Symposium sur les principales maladies transmissibles des poissons en Europe et la lutte contre celles-ci. Exposés des groupes et communications apparentées. EIFAC Tech.Pap., (17)Suppl.2: 255 p.

P048 **GFCM**, 1973. Brackish aquaculture in the Mediterranean region. Papers presented at a Symposium held at Athens, 2-4 March 1972. Stud.Rev.Gen.Fish.Counc.Mediterr., (52):129 p. Issued also in French

P049 **Ribelin, W.E.** and **G. Migaki** (eds), 1975. The pathology of fishes. Proceedings of a Symposium on fish pathology held in August 1972 at the University of Wisconsin. Madison, University of Wisconsin Press, Ltd., 1004 p.

P050 **Smith, M.W.** and **W.C. Carter** (eds), 1973. International Atlantic Salmon Symposium. Proceedings of the International Symposium on the Atlantic salmon: management, biology and survival of the species. Huntsman Marine Laboratory, St. Andrews, N.B., 20-22 September 1972. Spec.Publ.Int.Atl.Salm.Res.Trust, 4(1):504 p.

P051 **Thompson, P.E., W.A. Dill** and **G. Moore**, 1973. The major communicable fish diseases of Europe and North America. A review of national and international measures for their control. FAO/EIFAC Symposium, Amsterdam, 20-22 April 1972. EIFAC Tech.Pap., (17)Suppl.1:48 p. Issued also in French

1 9 7 3

P052 **Blaxter, J.H.S.** (ed.), 1974. The early life history of fish; the Proceedings of an International Symposium held at the Dunstoffnage Marine Research Laboratory of the Scottish Marine Biological Association at Oban, Scotland, 17-23 May 1973. Organized by IABO in collaboration with FAO, ICES, ICNAF and SCOR. Berlin, Springer-Verlag, 765 p.

P054 **EIFAC**, 1976. Workshop on controlled reproduction of cultivated fishes. Report and relevant papers. Réunion sur la reproduction contrôlée des poissons d'élevage. Rapport et communications apparentées. Hamburg, Federal Republic of Germany, 21-25 May 1973. EIFAC Tech.Pap., (25):180 p.

P055 **IDRC**, 1973. Aquaculture in Southeast Asia; report on a Seminar at the Freshwater Fishery Research Station, Malacca, West Malaysia, 17-25 April 1973. Ottawa, International Development Research Centre, 22 p. Summary in English and French

P056 **Instituto de Investigaciones Pesqueras**, 1974. Seminario interdisciplinar de acuicultura marina. Vigo (España), 18-21 septiembre 1973. Inf.Tec.Inst.Invest.Pesq., (14):151 p.

P057 **Loubier, L.** and **D. Reyos** (eds), 1974. Colloque sur l'aquaculture tenu à Brest (France), 22-24 octobre 1973. Publ.CNEXO (Actes Colloq.), (1):472 p.

P058 **Varshney, G.K.** and **J. Rzoska** (eds), 1976. Proceedings of a regional Seminar on noxious aquatic vegetation; New Delhi, India, 12 December 1973. The Hague, Dr. W. Junk Publishers, 396 p.

1 9 7 4

P060 **Comisión Asesora Regional de Pesca para el Atlántico Sudoccidental (CARPAS)**, 1977. La acuicultura en América Latina. Actas del Simposio sobre acuicultura en América Latina. Montevideo, Uruguay, 26 de noviembre a 2 de diciembre de 1974. Vol.1. Documentos de investigación. FAO Inf.Pesca, (159)vol.1:374 p.

P061 **Comisión Asesora Regional de Pesca para el Atlántico Sudoccidental (CARPAS)**, 1977. La acuicultura en América Latina. Actas del Simposio sobre acuicultura en América Latina. Montevideo, Uruguay, 26 de noviembre a 2 de diciembre de 1974. Vol.2. Documentos de reseña. FAO Inf.Pesca, (159)vol.2:130 p.

P062 **Comisión Asesora Regional de Pesca para el Atlántico Sudoccidental (CARPAS)**, 1977. La acuicultura en América Latina. Actas del Simposio sobre acuicultura en América Latina. Montevideo, Uruguay, 26 de noviembre a 2 de diciembre de 1974. Vol.3. Informes nacionales. FAO Inf.Pesca, (159)vol.3:136 p.

P063 **FAO**, 1974. Control of the spread of major communicable fish diseases. Report of the Government Consultation on an International Convention for the control of the spread of major communicable fish diseases. Aviemore, Scotland, 30 April-1 May 1974. FAO Fish.Rep., (149): 17 p. Issued also in French and Spanish

P064 **Fish Farming International**, 1975. Fish farming in Europe: prospects for growth and the problems. Conference report, 3-4 December 1974, London. Organized by Oyez International Business Communications Ltd., 117 p.

P065 **Goodwin, H.L.** and **J.A. Hanson**, 1975. The aquaculture of freshwater prawns (Macrobrachium sp.). Summary of Proceedings, augmented by material from other sources, of the Workshop on the culture of freshwater prawns held 25-26 November 1974 at the Marine Research Laboratory, Florida Department of Natural Resources, St. Petersburg. Waimanalo, Hawaii, Oceanic Institute, 95 p.

P066 **SEAFDEC**, 1974. The Sugpo industry (and allied fields); proceedings (of the) Conference series on aquaculture research, 19-21 April 1974 and 2-4 August 1974. Iloilo, Philippines, Southeast Asian Fisheries Development Center, Aquaculture Department, 139 p.

P067 **Tiews, K.** (ed.), 1976. Proceedings of the International Seminar on fisheries resources and their management in Southern Asia. Berlin, 19 November-6 December 1974. Organized by the German Foundation for International Development in cooperation with the Federal Research Board for Fisheries and FAO. Bonn, Druckerei Heinz Lammerich, 522 p.

P068 **Webber, H.H.** and **G.D. Ruggieri** (eds), 1976. Food-drugs from the sea. Proceedings of a Conference held in Mayaguez, Puerto Rico on 17-21 November 1974. Washington, D.C., Marine Technology Society, 509 p.

P069 **Anonymous**, 1974. Water reuse systems for fish hatcheries, Workshop Proceedings. Held in Portland, Oregon, 27-28 June 1974. Seattle, KCM Consulting Engineers, 119 p.

1 9 7 5

P070 **Aquaculture Development and Coordination Programme**, 1975. Aquaculture planning in Africa. Report of the first regional Workshop on aquaculture planning in Africa. Accra, Ghana, 2-17 July 1975. Rome, FAO/UNDP, ADCP/REP/75/1:114 p. Issued also in French

P071 **Aquaculture Development and Coordination Programme**, 1976. Aquaculture planning in Asia. Report of the regional Workshop on aquaculture planning in Asia. Bangkok, Thailand, 1-17 October 1975. Rome, FAO/UNDP, ADCP/REP/76/2:154 p.

P072 **Aquaculture Development and Coordination Programme**, 1976. Aquaculture planning in Latin America. Report of the regional Workshop on aquaculture planning in Latin America. Caracas, Venezuela, 24 November-10 December 1975. Rome, FAO/UNDP, ADCP/REP/76/3:173 p. Issued also in Spanish

P073 **CIFA**, 1976. Supplement 1 to the Report of the Symposium on aquaculture in Africa. Accra, Ghana, 30 September-2 October 1975. Reviews and experience papers. Supplément 1 au Rapport du Symposium sur l'aquiculture en Afrique. Accra, Ghana, 30 septembre-2 octobre 1975. Exposés généraux et comptes rendus d'expériences. CIFA Tech.Pap./Doc.Tech.CPCA, (4)Suppl.1:791 p.

P074 **Clepper, H.** (ed.), 1975. Black-bass: biology and management. Proceedings of a Symposium held at Tulsa, Oklahoma, on 3-6 February 1975. Washington, D.C., Sport Fishing Institute, 534 p.

P075 **Estes, T.S.** (ed.), 1976. Proceedings of the Seminar-workshop on artisan fisheries development and aquaculture in Central America and Panama. Meeting held at San Jose, Costa Rica on 13-17 January 1975. Kingston, Rhode Island, University of Rhode Island, 182 p.

P076 **MacKay, K.T.** (ed.), 1976. The Proceedings of the Bras d'Or Lakes aquaculture conference. Conference held in Sydney, Cape Breton Island, N.S., Canada, in June 1975. Sydney, Cape Breton, Nova Scotia, College of Cape Breton Press, 312 p.

P077 **Price, K.S., W.N. Shaw** and **K.S. Danberg** (eds), 1976. Proceedings of the first International Conference on aquaculture nutrition, held at Lewes/Rehoboth (Delaware), 14-15 October 1975. Sponsored by the Delaware Sea Grant College Program in cooperation with the US/Japan Aquaculture Panel. College of Marine Studies, University of Delaware, Newark, 323 p.

P078 **Shehadeh, Z.H.** (ed.), 1975. Report of the Symposium on aquaculture in Africa. Accra, Ghana, 30 September-2 October 1975. CIFA Tech.Pap., (4):36 p. Issued also in French

P079 **Vargas, J.I. et al.,** 1976. Anais do i encontro nacional sobre limnologia, piscicultura e pesca continental. Meeting held at Belo Horizonte on 15-19 September 1975. Belo Horizonte, Brazil, Centro de Recursos Naturais, 603 p.

P080 **Anonymous,** 1976. Aquaculture Symposium. 13th Pacific Science Congress. University of British Columbia, 18-30 August 1975. J.Fish.Res.Board Can., 33(4)Pt.2:875-1119

1 9 7 6

P081 **Cameron, L.** and **B.B. Parrish,** 1976. Fish farming: scientific and technical aspects. A Symposium, Edinburgh, 26 March 1976. Proc.R.Soc.Edinb.(Sect.B), 75(4):199-270

P082 **FAO,** 1976. Report of the FAO Technical Conference on aquaculture. Kyoto, Japan, 26 May-2 June 1976. FAO Fish. Rep., (188):93 p. Issued also in French and Spanish

P083 **Fonnesbeck, P.V., L.E. Harris** and **L.C. Kearl** (eds), 1976. Proceedings, First International Symposium, feed composition, animal nutrient requirements and computerization of diets. Held at the Utah State University, 11-16 July 1976, sponsored by the International Network of Feed Information Centers, National Academy of Sciences, National Research Council Committee on Animal Nutrition, United States Agency for International Development, International Feedstuff Institute and Utah State University. Logan, Agriculture Experimental Station, Utah State University, 799 p.

P084 **GFCM/CGPM,** 1976. Ponte contrôlée et élevage des larves d'espèces marines sélectionnées de la Méditerranée. Controlled breeding and larval rearing of selected Mediterranean marine species. Etud.Rev.Cons.Gén.Pêches Méditerr./Stud.Rev.Gen.Fish.Counc.Mediterr., (55):173 p.

P085 **Indo-Pacific Fishery Commission,** 1977. Symposium on the development and utilization of inland fishery resources. Colombo, Sri Lanka, 27 October 1976. Proc.IPFC, 17(3): 500 p.

P086 **Jaspers, K.** (ed.), 1977. Fundamental and applied research on the brine shrimp (Artemia salina L.). Report on an informal Workshop held on 20 December 1976 at the Universitaire Instelling, Antwerp, Belgium. Spec.Publ. Eur.Maricult.Soc., (3):110 p.

P087 **Pillay, T.V.R.** and **W.A. Dill** (eds), 1979. Advances in aquaculture. Papers presented at the FAO Technical Conference on aquaculture. Kyoto, Japan, 26 May-2 June 1976. Farnham, Surrey, Fishing News Books Ltd., 651 p.

1 9 7 7

P088 **Bardach, J.E.** et al. (eds), 1980. Fish behaviour and its use in the capture and culture of fishes. Proceedings of the Conference on the physiological and behavioural manipulation of food fish as production and management tools, held in Bellagio (Italy), 3-8 November 1977. ICLARM Conf.Proc., (5):512 p.

P089 **FAO/OIE**, 1977. Control of the spread of major communicable fish diseases. FAO/OIE Government Consultation on an International Convention for the control of the spread of major communicable fish diseases. OIE Headquarters, Paris, 25-28 January 1977. FAO Fish.Rep., (192):48 p.

P090 **Girin, M.** and **K. Tiews** (eds), 1977. Troisième session du Groupe de travail sur la mariculture du Conseil International pour l'Exploration de la Mer. Méthodologie des élevages larvaires et production en masse de juvéniles d'espèces susceptibles de mariculture, en vue d'élevages contrôlés et de repeuplement des mers/Third meeting of the Working Group on mariculture of the International Council for the Exploration of the Sea. Methodology of rearing of juveniles of mariculture species for controlled farming and ocean ranching. Brest, France, 10-13 May 1977. Publ.CNEXO (Actes Colloq.), (4):381 p.

P091 **Kaul, P.N.** and **C.J. Sindermann** (eds), 1978. Drugs and food from the sea: myth or reality? Proceedings of a Symposium held in Norman, Oklahoma, in September 1977. Norman, Oklahoma, University of Oklahoma, 448 p.

P092 **Librero, A.R.** and **W.L. Collier**, 1979. Economics of aquaculture, sea-fishing, and coastal resource use in Asia. Proceedings of the 2nd Biennial Meeting of the Agricultural Economics Society of Southeast Asia (AESSEA), held at Tigbauan, Iloilo, Philippines, 3-6 November 1977. Los Baños (Philippines), Agricultural Development Council and Philippines Council for Agriculture and Resources Research, 384 p.

P093 **Oláh, J.** and **I. Csengeri**, 1977. International Seminar on fish nutrition and diet development. Szarvas, Hungary, 19-24 September 1977. Szarvas, Fisheries Research Institute, 203 p.

P093.5 **Oregon State University,** 1978. Geothermal resources for aquaculture. Proceedings of a Workshop held in Boise, Idaho (USA), 13-15 December 1977. Corvallis, Oregon State University, Sea Grant Communications, (ORESU-W-78-001):50 p.

P094 **Rabanal, H.** and **H. Cook** (eds), 1977. First ASEAN meeting of experts on aquaculture, Semarang, Indonesia, 31 January-6 February 1977. Technical report. Manila, Philippines, South China Sea Fisheries Development and Coordinating Programme (SCSP), ASEAN 77/FA.Eg A/Rpt.2: 234 p. + app.

P095 **SCSP**, 1977. Joint SCSP/SEAFDEC Workshop on aquaculture engineering (with emphasis on small-scale aquaculture projects). Volume 2. Technical report. Held at SEAFDEC Aquaculture Department Facilities, Tigbauan, Iloilo, Philippines, 27 November-3 December 1977. Manila, South China Sea Fisheries Development and Coordinating Programme, SCS/GEN/77/15:453 p.

P096 **Styczynsk-Jurewicz** et al. (eds), 1979. Cultivation of fish fry and its live food. Proceedings of a Conference organized by the European Mariculture Society held at Szymbark, Poland, in September 1977. Spec.Publ.Eur. Maricult.Soc., (4):534 p.

P097 **Terry, O.W.** and **D.M. Chase** (eds), 1979. Proceedings of the Symposium on mariculture in New York State. Held at Southampton College, Southampton, New York (USA) on 22 October 1977. Albany, N.Y., State University of New York, New York Sea Grant Institute, 99 p.

P098 **Thorpe, J.E.** (ed.), 1978. Rhythmic activity of fishes. Proceedings of a Symposium held at Stirling University, Scotland on 4-8 July 1977. London, Academic Press, 312 p.

1 9 7 8

P100 **ADCP**, 1978. Aid for aquaculture development. Report of the FAO/UNDP Ad hoc Consultation on aid for aquaculture development, La Toja (Pontevedra, Spain) 20-25 June 1978. Rome, UNDP/FAO, ADCP/REP/78/4:30 p.

P101 **Bard, F.X.** and **J.Y. Le Gall**, 1979. Le thon rouge en Méditerranée. Biologie, pêches et aquaculture/Bluefin tuna in Mediterranean sea. Biology, fisheries and aquaculture. Sète, France, 9-12 May 1978. Publ.CNEXO (Actes Colloq.), (8):222 p.

P102 **Central Marine Fisheries Research Institute**, 1981. Proceedings of the Seminar on the role of small-scale fisheries and coastal aquaculture in integrated rural development, 6-9 December 1978, Madras. Bull.Cent.Mar.Fish.Res. Inst., Cochin, (30-a):203 p. and (30-b):89 p.

P103 **Coche, A.G.**, 1978. Report of the Symposium on finfish nutrition and feed technology. Hamburg, 20-23 June 1978. EIFAC Tech.Pap., (31):37 p. Issued also in French

P104 **Davy, B.** and **M. Graham** (eds), 1979. Diseases of fish cultured for food in Southeast Asia. Report of a Workshop held in Cisarua, Bogor, Indonesia, 28 November-1 December 1978. Ottawa, Canada, International Development Research Centre, (IDRC-139e):32 p.

P105 **Day, J.W. Jr.** et al. (eds), 1979. Proceedings of the third coastal marsh and estuary management Symposium. Environmental conditions in the Louisiana coastal zone. Held at Louisiana State University, 6-7 March 1978. Baton Rouge, Division of Continuing Education, Louisiana State University, 511 p.

P106 **Halver, J.E.** and **K. Tiews** (eds), 1979. Finfish nutrition and fishfeed technology. Schr.Bundesforschungsanst. Fisch., Hamb., (14/15)Vol.1:593 p., Vol.2:622 p.

P107 **Kendall, R.L.** (ed.), 1978. Selected coolwater fishes of North America. Spec.Publ.Am.Fish.Soc., (11):437 p.

P108 **Mann, R.** (ed.), 1979. Exotic species in mariculture. Proceedings from a Symposium held at Woods Hole, Massachusetts, 18-20 September 1978. Cambridge, Massachusetts, MIT Press, 363 p.

P109 **Miller, P.J.** (ed.), 1979. Fish phenology: anabolic adaptiveness in teleosts. Proceedings of a Symposium held at the Zoological Society of London on 6-7 April 1978. Symp.Zool.Soc.Lond., (44):449 p.

P110 **Moo-Young, M.** and **G.J. Farquhar** (eds), 1978. Waste treatment and utilization. Proceedings of the International Symposium on theory and practice of waste management. Held at the University of Waterloo (Canada), July 1978. Oxford, U.K., Pergamon Press, 574 p.

P111 **Oláh, J.** and **Z. Krasznai**, 1978. International Seminar on increasing the productivity by selection and hybridisation. Szarvas, Hungary, 19-23 September 1978. Szarvas, Fisheries Research Institute, 225 p.

P112 **Pastakia, C.M.R.** (ed.), 1978. Report of the Proceedings of the Conference on fish-farming and wastes. Held in London on 4-5 January 1978. London, General Secretary, Society of Chemical Industry, 151 p.

P113 **SEAFDEC**, 1978. Asian Institute of Aquaculture, Proceedings, Regional Workshop on aquaculture development strategies in Asia. Held in Manila and Tigbauan, Philippines, 6-13 August 1978. Tigbauan, Iloilo, SEAFDEC/AQD, 376 p.

P114 **Shelef, G.** and **C.J. Soeder** (eds), 1980. Algal biomass production and use. Proceedings of a Symposium held at Akko, Israel, 17-22 September 1978. Amsterdam, Elsevier-North Holland Biomedical Press, 852 p.

P115 **Smitherman, R.O.** et al. (eds), 1978. Symposium on culture of exotic fishes. Proceedings of a Symposium held at Atlanta, Georgia, on 4 January 1978. Auburn, Alabama, Fish Culture Section, American Fisheries Society, 257 p.

P116 **Went, A.E.J.** (ed.), 1980. Atlantic salmon: its future. Proceedings of the Second International Atlantic salmon Symposium, Edinburgh 1978, sponsored by the International Atlantic Salmon Foundation and the Atlantic Salmon Research Trust. Farnham, Surrey, Fishing News Books Ltd., 253 p.

P117 **Anonymous**, 1980. I Simposio Brasileiro de Aquicultura. Recife, Julho 1978. Rio de Janeiro, Academia Brasileira de Ciências, 412 p.

P118 **Anonymous**, 1980. Memorias. 2° Simposio Latino-Americano de Acuacultura. Proceedings of a Symposium held in Mexico City, 13-17 November 1978. México, Departamento de Pesca, 4 vol., pag. var.

1 9 7 9

P120 **ADCP**, 1979. Aquaculture information. Report of the meeting of an aquaculture information group held in Rome, Italy, 25-28 April 1979. Rome, UNDP/FAO, ADCP/REP/79/9:13 p.

P121 **Allen, L.J.** and **E.C. Kinney** (eds), 1981. Proceedings of the Bio-engineering Symposium for fish culture. Held at Traverse City, Michigan on 16-18 October 1979. Bethesda, Maryland, Fish Culture Section of the American Fisheries Society and Northeast Society of Conservation Engineers FCS Publ.(1):307 p.

P122 **Bastian, R.K.** and **S.C. Reed** (eds), 1981. Aquaculture systems for wastewater treatment; Seminar Proceedings and engineering assessment. Seminar on the use of aquatic systems for the treatment of municipal wastewater held in Davis, California on 11-12 September 1979. Washington, D.C., U.S. Environmental Protection Agency, (EPA 430/9 80-006)

P123 **Castell, J.D.** and **K. Tiews** (eds), 1980. Report of the EIFAC, IUNS and ICES Working Group on the standardization of methodology in fish nutrition research. Hamburg, Federal Republic of Germany, 21-23 March 1979. EIFAC Tech.Pap., (36):24 p. Issued also in French

P124 **CNEXO**, 1981. Aquaculture extensive et repeuplement. Centre Océanologique de Bretagne (COB), Brest, 29-31 mai 1979. Publ.CNEXO (Actes Colloq.), (12):193 p.

P125 **Dinamani, R.** and **R.W. Hickman**, 1980. Proceedings of the Aquaculture Conference. Held in Wellington, New Zealand in September 1979. Occas.Publ.Fish.Res.Div.Minist. Agric.Fish.N.Z., (27):104 p.

P126 **GFCM**, 1980. Fourth session of the Cooperative Programme of Research on Aquaculture (COPRAQ). Barcelona, Spain, 16-19 October 1979. FAO Fish.Rep., (232):33 p. Issued also in French

P127 **GFCM/CGPM**, 1980. Quelques aspects de la culture du poisson et des crustacés en eau saumâtre en Méditerranée. Aspects of brackishwater fish and crustacean culture in the Mediterranean. Etud.Rev.Cons.Gén.Pêches Méditerr./ Stud.Rev.Gen.Fish.Counc.Mediterr., (57):131 p.

P128 **Huisman, E.A.**, 1979. Report of the EIFAC Workshop on mass rearing of fry and fingerlings of freshwater fishes. EIFAC Tech.Pap., (35):19 p. Issued also in French

P129 **Huisman, E.A.** and **H. Hogendoorn** (eds), 1979. EIFAC Workshop on mass rearing of fry and fingerlings of freshwater fishes/ Papers. Proceedings of Workshop, organized and supported by EIFAC of FAO, Minisitry of Agriculture and Fisheries, the Netherlands. The Hague, 8-11 May, 1979. EIFAC Tech.Pap., (35)Suppl.1:200 p.

P130 **Kou, G.H., J.L. Fryer** and **M.L. Landolt** (eds), 1981. Proceedings of Republic of China-United States cooperative science Seminar on fish diseases. Held on 23-26 July 1979 at University of Washington, Seattle, Washington, USA. Symp.Ser.Natl.Sci.Counc.Wash.D.C., (3):128 p.

P131 **Persoone, G.** et al. (eds), 1980. The brine shrimp Artemia. Proceedings of a Symposium held at Corpus Christi, Texas, on 20-23 August 1979. Wetteren, Belgium, Universa Press, vol.1:354 p., vol.2:664 p., vol.3:456 p.

P132 **Pullin, R.S.V.** and **Z.H. Shehadeh** (eds), 1980. Integrated agriculture-aquaculture farming systems. Proceedings of the ICLARM-SEARCA Conference, Manila, Philippines, 6-9 August 1979. ICLARM Conf.Proc., (4):258 p.

P133 **SEAFDEC Aquaculture Department**, 1979. Technical Consultation on available aquaculture technology in the Philippines, 8-11 February 1979. Tigbauan, Iloilo, SEAFDEC-AQD, 387 p.

P134 **SEAFDEC Institute of Aquaculture**, 1980. International Workshop on pen and cage culture of fish. Proceedings of a SEAFDEC/IDRC International Workshop held in Tigbauan, Iloilo, and in Binangonan, Rizal (Philippines), 12-22 February 1979. Iloilo City, Philippines, SEAFDEC Institute of Aquaculture, 164 p.

P135 **South Pacific Commission**, 1980. Report of the Joint SPC/NMFS Workshop on marine turtles. Held in Noumea (New Caledonia), 11-14 December 1979. Noumea, South Pacific Commission, 16 p.

3.4 MEETINGS HELD IN 1980-1989

1 9 8 0

P136 **Abbott, I.A.** et al. (eds), 1980. Pacific seaweed aquaculture. Proceedings of a Symposium on useful algae, held at Hopkins Marine Station of Stanford University, Pacific Grove (California), 6-8 March 1980. Davis, CA 95616 (USA), University of California, Extension Wildlife and Sea Grant SG-7, 230 p.

P137 **Bayer, R.C.** and **A. D'Agostino** (eds), 1980. Lobster nutrition Workshop Proceedings. A Workshop held at the University of Maine, Orono (USA) on 15 and 16 January 1980. Walpole, Maine, University of Maine, Maine Sea Grant Publication, (MSG-TR-58):57 p.

P138 **Billard, R.** (ed.), 1980. La pisciculture en étang. Actes du Congrès sur la pisciculture en étang, Arbonne-la-Forêt (France), 11-13 Mars 1980. Jouy-en-Josas, Institut National de Recherche Agronomique, 434 p.

P139 **CGPM**, 1981. Aménagement des ressources vivantes dans la zone littorale de la Méditerranée. Symposium organisé par le Conseil Général des Pêches pour la Méditerranée, tenu à Palma de Majorque (Espagne), 18-20 septembre 1980. Etud.Rev.Cons.Gén.Pêches Méditerr., (58):342 p.

P140 **Coche, A.G.**, 1981. Report of the Symposium on new developments in the utilization of heated effluents and of recirculation systems for intensive aquaculture. Stavanger, 29-30 May 1980. EIFAC Tech.Pap., (39):37 p. Issued also in French

P140.5 **Cooperativa Pescatori di Grado**, 1980. Laboratorio di Biologia Marina di Sorgenti di Aurisina, Atti del Convegno: problemi e prospettive dell'acquacoltura in acque salmastre. Grado, 18-19 Aprile 1980. Nova Thalassia, (4)Suppl. 257 p.

P141 **Davy, F.B.** and **A. Chouinard** (eds), 1981. Induced fish breeding in Southeast Asia. Report of a Workshop held in Singapore, 25-28 November 1980. Ottawa, International Development Research Centre, (IDRC-178e):48 p.

P142 **FAO**, 1980. Report of the Ad hoc Consultation on aquaculture research. Rome, Italy, 5-9 May 1980. FAO Fish.Rep., (238):26 p.

P143 **FAO**, 1980. Report of the fifth Session of the IPFC Working Party on aquaculture and environment. Jakarta, Indonesia, 22-26 January 1980. FAO Fish.Rep., (241): 12 p.

P144 **FAO/UNEP**, 1981. Conservation of the genetic resources of fish: problems and recommendations. Report of the Expert Consultation on the genetic resources of fish. Rome, 9-13 June 1980. FAO Fish.Tech.Pap., (217):43 p.

P145 **Grobbelaar, J.U.** et al. (eds), 1981. Wastewater for aquaculture. Proceedings of the Workshop on biological production systems and waste treatment. Held at the University of the Orange Free State, Bloemfontein, South Africa, 13-14 March 1980. Bloemfontein, Institute for Environmental Sciences, 220 p.

P146 **Hopkins, C.L.** (comp.), 1981. Proceedings of the Salmon Symposium. Proceedings of a Symposium held in Christchurch, New Zealand, August 1980. Occas.Publ.Fish.Res. Div.Minist.Agric.Fish.N.Z., (30):98 p.

P147 **Kapetsky, J.M.** (ed.), 1981. Seminar on river basin management and development. Blantyre, Malawi, 8-10 December 1980. Papers presented. Séminaire sur l'aménagement et la mise en valeur des bassins fluviaux. Blantyre, Malawi, 8-10 décembre 1980. Documents présentés. CIFA Tech.Pap./Doc.Tech.CPCA, (8):302 p.

P148 **Macintosh, D.J.** (ed.), 1980. Proceedings of the Seminar on some aspects of inland aquaculture in Karnataka. Meeting held at Mangalore, Karnataka, on 14-15 July 1980. Stirling, Institute of Aquaculture, 114 p.

P149 **Manassah, J.T.** and **E.J. Briskey** (eds), 1981. Advances in food-producing systems for arid and semiarid lands. Proceedings of a Symposium held in Kuwait, February 1980. New York, Academic Press, 1274 p.

P149.3 **Marine Biological Association of India,** 1982. Proceedings of the Symposium on coastal aquaculture held at Cochin from January 12 to 18, 1980. Part 1. Prawn culture. Cochin, Marine Biological Association of India, pp. 1-426.

P149.4 **Marine Biological Association of India,** 1983. Proceedings of the Symposium on coastal aquaculture held at Cochin from January 12 to 18, 1980. Part 2. Molluscan culture. Cochin, Marine Biological Association of India, pp.427-705

P149.5 **Marine Biological Association of India,** 1985. Proceedings of the Symposium on Coastal Aquaculture, held at Cochin from January 12 to 18, 1980. Part 3. Finfish culture. Cochin, Marine Biological Association of India, pp. 706 - 1000.

P149.6 **Marine Biological Association of India,** 1986. Proceedings of the Symposium on Coastal Aquaculture, held at Cochin from January 12 to 18, 1980. Part 4. Culture of other organisms, environmental studies, training, extension and legal aspects. Cochin, Marine Biological Association of India, pp. 1001-1529.

P149.8 **Melteff, B.R.** and **R.A. Neve** (eds), 1982. Proceedings of the North Pacific aquaculture Symposium, 18-21 August 1980, Anchorage, Alaska, and 25-27 August, Newport, Oregon. Fairbanks, University of Alaska, Alaska Sea Grant Program Report, (82-2):387 p.

P150 **New, M.B.** (ed.), 1982. Giant prawn farming. Selected papers presented at "Giant Prawn 1980", an International Conference on freshwater prawn farming held in Bangkok, Thailand, 15-21 June 1980. Amsterdam, Elsevier, Developments in aquaculture and fisheries science, (10):532 p.

P151 **Pickering, A.D.** (ed.), 1981. Stress and fish. Proceedings of a Symposium held at Norwich, England, on 9-12 September 1980. London, Academic Press, 368 p.

P152 **Pullin, R.S.V.** and **R.H. Lowe-McConnell** (eds), 1982. The biology and culture of tilapias. Proceedings of the ICLARM Conference held in Bellagio (Italy), 2-5 September 1980. ICLARM Conf.Proc., (7):432 p.

P153 **Rosenthal, H.** and **O.H. Oren** (eds), 1981. Research on intensive aquaculture. Proceedings of a Seminar held 10-11 March 1980 at Shefayim, Israel, under the auspices of the German-Israeli Cooperation in Science and Technology. Spec.Publ.Eur.Maricult.Soc., (6):277 p.

P154 **Ryman, N.** (ed.), 1981. Fish gene pools. Preservation of genetic resources in relation to wild fish stock. Stockholm, Swedish Council Planning Coordination Research, Ecological Bulletin (34):112 p.

P155 **Tiews, K.** (ed.), 1981. Aquaculture in heated effluents and recirculation systems. Proceedings of a World Symposium sponsored and supported by EIFAC and ICES, held in Stavanger (Norway), 28-30 May 1980. Schr.Bundesforschungsanst.Fish., Hamb., (16/17)Vol.1:513 p., vol.2: 666 p.

P156 **Anonymous**, 1980. Report of the International Workshop on integrated livestock/fish/crop/forestry production systems for small farmers and fishermen. Chiang Mai, Thailand, 9-14 April 1980. Bangkok, Department of Livestock Development, vol.1:41 p., vol.2:239 p.

1 9 8 1

P156.5 **ACUIGRUP** (ed.), 1984. Fish diseases. Enfermedades de los peces. Papers presented at the 4th EIFAC COPRAQ held in Cádiz, Spain, 26-30 October 1981. Madrid, ATP S.A., 173 p.

P157 **ADCP**, 1981. Regional cooperation for aquaculture development in the Caribbean. Report of a Working Group meeting in Freeport, Bahamas, 12-16 October 1981. Rome, UNDP/FAO, ADCP/MR/81/14:21 p.

P158 **Alabaster, J.S.**, 1982. Report of the EIFAC Workshop on fishfarm effluents. Silkeborg, Denmark, 26-28 May 1981. EIFAC Tech.Pap., (41):166 p.

P158.3 **Bilio, M., H. Rosenthal** and **C.J. Sindermann** (eds), 1986. Realism in aquaculture: achievements, constraints, perspectives. Review papers. World Conference on aquaculture, Venice, Italy, 21-25 September 1981. European Mariculture Society, World Mariculture Society. Bredene, Belgium, European Aquaculture Society, 585 p.

P158.6 **Cailliet, G.M.** and **C.A. Simenstad** (eds), 1982. Gutshop '81 - fish food habits studies. Seattle, University of Washington, Washington Sea Grant Publication, 312 p.

P158.8 **Chew, K.** (ed.), 1982. Proceedings of the North American oyster Workshop. Spec.Publ.World Maricult.Soc., (1): 300 p.

P159 **Claus, C.** et al. (eds), 1981. Nursery culturing of bivalve molluscs. Proceedings of a Workshop held in Ghent (Belgium) in February 1981. Spec.Publ.Eur.Maricult. Soc., (7):394 p.

P160 **Grua, I. (ed.)**, 1987. Elevage en nurseries de mollusques bivalves. St. André de Cubzac, Association pour le Développement de l'Aquaculture, Publ. 17, 114p. (shortened version of ref. P159).

P165 **Guerrero III, R.D.** and **C.T. Villegas** (eds), 1982. Report of the training course on growing food organisms for fish hatcheries. Tigbauan, Iloilo, Philippines, 3-22 August 1981. Manila, South China Sea Fisheries Development and Coordinating Programme, SCS/GEN/82/37:225 p.

P165.5 **IDRC**, 1982. Aquaculture economics research in Asia. Proceedings of a Workshop held in Singapore, 2-5 June 1981. Ottawa, International Development Research Centre, (IDRC-193e):128 p.

P170 **Nosho, T.** (ed.), 1981. Salmonid broodstock maturation. Proceedings of workshops held at Seattle on 20-22 May 1980 and 11 March 1981. Seattle, University of Washington, 92 p.

P171 **Oláh, J.** (ed.), 1984. Fish, pathogens and environment in European polyculture. Symp.Biol.Hung., (23):265 p.

P172 **Pruder, G.D., C.D. Langdon** and **D.E. Conklin** (eds), 1983. Proceedings of the second International Conference on aquaculture nutrition: biochemical and physiological approaches to shellfish nutrition, 27-29 October 1981, Lewes, Rehoboth Beach, Delaware. Spec.Publ.World Maricult.Soc., (2):444 p.

P174 **Rankin, J.C., T.J. Pitcher** and **R. Duggan** (eds), 1983. Control processes in fish physiology. London, Croom Helm Ltd., 298 p.

P175 **Superintendencia do Desenvolvimento da Pesca,** 1982. Seminario sobre cultivo de pescado, 1st. Rio de Janeiro, 23-27 March 1981. Rio de Janeiro, Superintendencia do Desenvolvimento da Pesca, 149 p.

1 9 8 2

P176 **Billard, R.** (ed.), 1983. Le brochet. Gestion dans le milieu naturel et élevage. Paris, INRA, 371 p.

P177 **Colwell, R.R., A.J. Sinskey** and **E.R. Pariser** (eds), 1984. Biotechnology in the marine sciences. Proceedings of the first annual MIT Sea Grant lecture and Seminar. New York, Wiley, 292 p.

P179 **Davy, F.B.** and **A. Chouinard** (eds), 1983. Fish quarantine and fish diseases in Southeast Asia. Report of a Workshop held in Jakarta, Indonesia, 7-10 December 1982. Ottawa, International Development Research Centre, (IDRC-210e):79 p.

P180 **Davy, F.B.** and **M. Graham** (eds), 1982. Bivalve culture in Asia and the Pacific. Proceedings of a Workshop held in Singapore, 16-19 February 1982. Ottawa, International Development Research Centre, (IDRC-200e):90 p. Issued also in French

P181 **Morse, D.E., K.K. Chew** and **R. Mann** (eds), 1984. Recent innovations in cultivation of Pacific molluscs. Proceedings of an International Symposium sponsored by the California Sea Grant College Program and the Pacific Sea Grant College Programs in Alaska, Hawaii, Oregon and Washington held at La Jolla, California, USA, 1-3 December 1982. Aquaculture, 30:404 p. Also published by Elsevier, Amsterdam, as Developments in aquaculture and fisheries science, (14):420 p. (1984)

P182 **Pejler, J.B.R.** et al. (eds), 1983. Biology of rotifers. The Hague, W. Junk Publishers, 420 p.

P183 **Pond, W.G.** and **F.A. Mumpton** (eds), 1984. Zeo-agriculture. Use of natural zeolites in agriculture and aquaculture. Conference held in Rochester, New York, June 1982. Boulder, Colorado, Westview Press, 296 p.

P184 **Richter, C.J.J.** and **H.J.Th. Goos** (comp.), 1982. Proceedings of the International Symposium on reproductive physiology of fish. Wageningen, The Netherlands, 2-6 August 1982. Wageningen, Centre for Agricultural Publishing and Documentation, 256 p.

P185 **Stickney, R.R.** and **S.P. Meyers** (eds), 1983. Proceedings of the warmwater fish culture workshop. Spec.Publ.World Maricult.Soc., (3):200 p.

P186 **Wilkins, N.P.** and **E.M. Gosling** (eds), 1983. Genetics in aquaculture. Proceedings of an International Symposium held in University College, Galway, Ireland, 29 March to 2 April 1982. Aquaculture, 33:1-426. Also published by Elsevier, Amsterdam, as Developments in aquaculture and fisheries science, (12):425 p. (1983)

1 9 8 3

P187 **Barnabé, G.** et **R. Billard** (eds), 1984. L'aquaculture du bar et des sparidés. Actes du colloque tenu à Sète (France), 15-17 mars 1983. Paris, INRA, 542 p.

P188 **Binkowski, F.P.** and **S.I. Doroshov** (eds), 1984. North American sturgeons: biology and aquaculture potential. Dordrecht, Kluwer Academy Publishing Group, 160 p.

P188.5 **Ceccaldi, H.J.** and **L. Laubier** (eds.), 1987. Premier Symposium Franco-Japonais sur l'Aquaculture. Montpellier, décembre 1983. Paris, Société franco-japonaise d'océanographie, 152 p.

P189 **Cho, C.Y., C.B. Cowey** and **T. Watanabe,** 1985. Finfish nutrition in Asia. Methodological approaches to research and development. (Includes Proceedings of the Asian Finfish Nutrition Workshop held in Singapore, 23-26 August 1983). Ottawa, International Development Research Centre, (IDRC-233e):154 p.

P190 **Dahl, E.** et al. (eds), 1984. The propagation of cod Gadus morhua L. Proceedings of a Workshop held 14-17 June 1983 in Arendal, Norway. Arendal, Norway, Flødevigen Rapportserie, 2 vol., 895 p.

P191 **Ellis, A.E.** (ed.), 1985. Fish and shellfish pathology. Proceedings of the First International Conference of the European Association of Fish Pathologists, held in Plymouth, England, in September 1983. London, Academic Press, 352 p.

P192 **Fishelson, L.** and **Z. Yaron** (comps), 1983. International Symposium on tilapia in aquaculture. Nazareth, Israel, 8-13 May 1983. Tel Aviv, Tel Aviv University, 624 p.

P193 **Gerdeaux, D.** et **R. Billard** (eds), 1985. Gestion piscicole des lacs et retenues artificielles. Paris, INRA, 274 p.

P194 **IFREMER,** 1985. Bases biologiques de l'aquaculture. Montpellier, 12-16 décembre 1983. Actes Colloq.IFREMER, (1):537 p.

P195 **Juario, J.V., R.P. Ferraris** and **L.V. Benitez** (eds), 1984. Advances in milkfish biology and culture. Proceedings of the second International milkfish aquaculture Conference, 4-8 October 1983, Iloilo City, Philippines. Manila, Island Publishing House Inc., 243 p.

P196 **Kapetsky, J.M.** and/et **G. Lasserre** (eds), 1984. Management of coastal lagoon fisheries. Aménagement des pêches dans les lagunes côtières. Stud.Rev.GFCM/Etud.Rev.CGPM, (61)vol.1:438 p., vol.2:439-776

P197 **Manning, M.J.** and **M.F. Tatner** (eds), 1985. Fish immunology. London, Academic Press, 430 p.

P198 **McCraren, J.P.** (ed.), 1984. The aquaculture of striped bass: a Proceedings. College Park, Maryland Sea Grant Program, (UM-SG-MAP-84-01):262 p.

P199 **Natarajan, P.** et al. (eds), 1984. Proceedings of the National Seminar on cage and pen culture, 18-19 March 1983. Tuticorin, India, Tamil Nadu Agricultural University, 147 p.

P200 **Pollock, B.R.** and **R.H. Quinn,** 1984. The potential of aquaculture in Queensland. Proceedings of the Seminar held at the Professional Development Centre, Brisbane, 24-25 March 1983. Conf.Workshop Ser.Queensl.Dep.Primary Ind., (QC 83012):218 p.

P201 **Pritchard, G.I.** (ed.), 1984. Proceedings of the national aquaculture conference. Strategies for aquaculture development in Canada. St. Andrews, New Brunswick, 10-14 July 1983. Can.Spec.Publ.Fish.Aquat.Sci., (75):131 p. Issued also in French

P202 **Smith, I.R., E.B. Torres** and **E.O. Tan** (eds), 1983. Philippine tilapia economics. Proceedings of a PCARRD-ICLARM Workshop, Los Baños, Philippines, 10-13 August, 1983. ICLARM Conf.Proc., (12):261 p.

P203 **Sower, S.A.** and **R.N. Iwamoto** (eds), 1984. Salmonid reproduction - an International Symposium, 31 October to 2 November 1983. Proceedings of a Symposium sponsored by Washington Sea Grant College Program, Oregon Sea Grant College Program, Hawaii Sea Grant College Program, California Sea Grant College Program, Alaska Sea Grant College Program, National Marine Fisheries Service, and the U.S. Fish and Wildlife Service. Aquaculture, 43:1-356

1 9 8 4

P207 **Grimaldi, E.** and **H. Rosenthal** (eds), 1986. Tendenze e problemi dello sviluppo dell'acquacoltura. Trends and problems in aquaculture development. Proceedings of the second International Conference on aquafarming, Verona, October 1984. Verona, Italy, Ente Autonoma Fiera di Verona, 329 p.

P208 **Hall, G.** (ed), 1986. Managing muskies: a treatise on the biology and propagation of muskellunge in North America. Bethesda, American Fisheries Society, 372 p.

P210 **IPFC**, 1984. Indo-Pacific Fishery Commission. Report of the second Session of the IPFC Working Party on inland fisheries. New Delhi, India, 23-27 January 1984, and Report of the joint Workshop of the IPFC Working Party on inland fisheries and the IPFC Working Party on aquaculture on the role of stocking and introductions in the improvement of production of lakes and reservoirs. New Delhi, India, 24-25 January 1984. FAO Fish.Rep., (312): 56 p.

P215 **May, R.C., R.S.V. Pullin** and **V.G. Jhingran** (eds), 1984. Summary report of the Asian regional Workshop on carp hatchery and nursery technology. Manila, Philippines, 1-3 February 1984. ICLARM Conf.Proc., (11):38 p.

P218 **Rosenthal, H.** and **S. Sarig** (eds), 1984. Research on aquaculture. Proceedings of the second status Seminar of the German-Iraeli cooperation in aquaculture research. Hamburg, Federal Republic of Germany, March 1984. Spec.Publ. Eur. Maricult. Soc., (8):293 p.

P219 **Taki, Y., J.H. Primavera** and **J.A. Llobrera** (eds), 1985. Proceedings of the First International Conference on the Culture of Penaeid Prawns/Shrimps. Iloilo City, Philippines, 4-7 December 1984. Tigbauan, Iloilo, SEAFDEC Aquaculture Department.

P219.5 **Taylor, J.L.** et al. (comp.), 1985. Proceedings of the Salmon Farming Conference, Christchurch, August 1984. Wellington, New Zealand, Min. Agriculture and Fisheries.

P220 **Thorpe, J.E.** et al. (eds), 1985. Salmonid Smoltification. Proceedings of a Workshop sponsored by the Commission of the European Communities held at the University of Stirling, Scotland, 3-6 July 1984. Aquaculture, 45: 1-104

P223 **Vivares, C.P., J.-R. Bonami** and **E. Jaspers** (eds.), 1986. Pathology in marine aquaculture/Pathologie en aquaculture marine. Proceedings of the First International Colloquium on Pathology in Marine Aquaculture held from September 11-14, 1984 at the Université des Sciences et Techniques du Languedoc, Laboratoire de Pathologie comparée, Montpellier, France. Spec. Publ. Eur. Aquacult. Soc., (9):428 p.

1 9 8 5

P226 **Billard, R.** and **J. Marcel** (eds.), 1986. Aquaculture of carp and related species. Selected papers presented at a Symposium held at Evry, France, 2-5 September 1985. Aquaculture, 54:1-164

P227 **Billard, R** and **J. Marcel** (eds.), 1986. Aquaculture of cyprinids (L'aquaculture des cyprinidés). Paris, Institut National de la Recherche Agronomique, 502 p.

P229 **Coche, A.G.** and **F. Demoulin** (eds), 1986. Report of the Workshop on aquaculture planning in the Southern African Development Coordination Conference (SADCC) countries. Held in Lusaka, Zambia, 7-11 October 1985. CIFA Tech. Pap., (15):22 p.

P230 **Coche, A.G.** et **F. Demoulin,** 1986. Rapport du Stage de perfectionnement sur les techniques et méthodologies de vulgarisation piscicole. Bouaké, Côte-d'Ivoire, 18 novembre-14 décembre 1985. Doc.Tech.CPCA, (16):28 p.

P231 **Decleir, W.** et al., (eds.), 1987. Artemia. Research and its applications. Proceedings of the Second International Symposium on the Brine Shrimp Artemia. Antwerp, Belgium, September 1-5, 1985. Vol. 2. Wetteren, Belgium, Universa Press, 562 p. (see also ref. P245 and P246).

P233 **Gall, G.A.E.** and **C.A. Busack** (eds), 1986. Genetics in aquaculture II. Proceedings of the Second International Symposium on Genetics in Aquaculture, sponsored by the University of California, Davis, the California Sea Grant Program, and the International Association for Genetics in Aquaculture, held at the University of California, Davis, USA, 23-28 June 1985. Aquaculture, 57:386 p. (also issued in bookform by Elsevier, Amsterdam in 1986, 388 p.)

P235 **Gaudet, J.L.** and **D. Parker** (eds), 1986. Summary of proceedings and selected papers. Symposium on the planning and implementation of fisheries management and development programmes in Africa. Lusaka, Zambia, 7-11 October 1985. FAO Fish.Rep., (360):155 p.

P236 **Huisman, E.A.** (ed), 1986. Aquaculture research in the African Region. Proceedings of the African Seminar on Aquaculture organised by the International Foundation for Science (IFS), Stockholm, Sweden, held in Kisumu, Kenya, 7-11 October 1985. Wageningen, Netherlands, PUDOC, 274 p.

P237 **IFREMER,** 1987. Aquaculture. Shellfish Culture Development and Management. Développement et aménagement de la conchyliculture. International seminar in La Rochelle (France), 4-9 mars 1985. Brest, Institut Français de Recherches pour l'Exploitation de la Mer, 401 p.

P238 **Instituto Nacional de Investigaçao das Pescas,** 1987. Jornadas sobre Nutriçâo em Aquacultura. NATO Workshop on Nutrition. NATO Science for Stability Programme. Lisboa, 29-31 Janeiro 1985. Lisboa, INIP, Publ. avulsas 12, 205 p.

P240 **Moriarty, D.J.W.** and **R.S.V. Pullin** (eds), 1987. Detritus and microbial ecology in aquaculture. Proceedings of the Conference on Detrital Systems for Aquaculture, 26-31 August 1985, Bellagio, Como, Italy. ICLARM Conf. Proc., (14): 420 p.

P241 **Murray, K.R., J.K. Wang** and **G.D. Pruder** (eds.), 1986. Aquacultural engineering and simulation. Aquacultural Engineering, 5 (2-4): 87-359 (proceedings of a joint US-Rep. China workshop held at the University of Hawaii. Jan 27 - Feb.1, 1985).

P242 **Nyman, L.** and **B. Ericsson,** 1986. Aquaculture in subarctic areas. Drottningholm, Institute of Freshwater Research, Report 63, 117 p. (Symposium held in Sweden, June 1985).

P243 **Powles, H.** (ed.), 1987. Cage culture research projects. Projets de recherche sur la pisciculture en cages. Report of a workshop held in Cairo, Egypt, 23-26 October 1985/Compte-rendu d'un atelier tenu au Caire, Egypte, du 23 au 26 octobre 1985. Ottawa, Inernational Development Research Centre, IDRC-MR 164e,f: 182 p.

P244 **SARDA, F.** (ed), 1987. III Colloquium: Crustacea Decapoda Mediterranea. Inv. Pesq. (Barcelona), (51) suppl. 1, 597 p.

P245 **Sorgeloos, P.** et al. (eds.) 1987. Artemia - Research and its applications. Proceedings of the Second International Symposium on the Brine Shrimp Artemia. Antwerp, Belgium, 1- 5 September 1985, Vol. 1. Wetteren, Belgium, Universa Press, 380p. (see also ref P 231 and P246).

P246 **Sorgeloos, P.** et al. (eds.) 1987. Artemia - Research and its applications. Proceedings of the Second International Symposium on the Brine Shrimp Artemia. Antwerp, Belgium, 1- 5 September 1985. Vol.3. Wetteren, Belgium, Universa Press, 556p. (see also P231 and P245).

P247 **Stroud, R.H.** (ed.), 1986. Fish culture in fishery management. Bethesda, American Fisheries Society, 481 p.

1 9 8 6

P248 **Arthur, J.R.** (ed.), 1987. Fish quarantine and fish diseases in South and Southeast Asia: 1986 update. Report of the Asian Fish Health Network Workshop held in Manila, The Philippines, May 30, 1986. Spec. Publ.Asian Fish Soc., (1): 86p.

P249 **Balchen, J.G.** (ed.) 1987. Automation and data processing in aquaculture. Proceedings of the IFAC Symposium, Trondheim, Norway, 18-21 August 1986. Oxford, Pergamon Press, 280 p. (IFAC Proceedings Series, 9).

P250 **CGPM/GFCM,** 1986. Rapport de la Consultation Technique du Conseil Général des Pêches pour la Méditerranée sur la conchyliculture en mer et les récifs artificiels. Report of the Technical Consultation of the General Fisheries Council for the Mediterranean on open sea shellfishculture in association with artificial reefs. Proceedings of a meeting held in Ancona, Italy, March 1986. FAO Fish.Rep., (357):175 p.

P251 **Chevassus, B.** and **A.G. Coche** (eds), 1986. Report of the Symposium on selection, hybridization and genetic engineering in aquaculture of fish and shellfish for consumption and stocking. Bordeaux, France, 27-30 May 1986. Rapport du Symposium sur la sélection, l'hybridation et le génie génétique en aquaculture des poissons, crustacés et mollusques pour la consommation et le repeuplement. Bordeaux, France, 27-30 mai 1986. EIFAC Tech.Pap./Doc.Tech.CECPI, (50):54 p.

P252 **Copland, J.W.** and **D.L. Grey** (eds.), 1987. Management of wild and cultured sea bass/barramundi (Lates calcarifer): proceedings of an international workshop held at Darwin, NT, Australia, 24-30 September 1986. ACIAR Proc. (20): 210 p.

P253 **Das, P.** and **V.G. Jhingran** (eds.) 1989. Fish genetics in India. New Delhi, Today and Tomorrow' s Printers and Publishers, 266 p.

P254 **Guerrero, R.D. III, D.L. Guzman** and **C.M. Lantican** (eds.) 1987. Tilapia farming. Proc. First Symposium and Workshop on Tilapia Farming. PCARRD, Los Baños, Laguna, November 24-26, 1986. PCAARD Book Ser. (48): 68 p.

P255 **Grimaldi, E.** and **H. Rosenthal** (eds.), 1988. Efficiency in aquaculture production: disease control. Proceedings of the Third International Conference on Aquafarming "Acquacoltura 86" held in Verona, Italy, October 9-10, 1986. Milano, Edizione del Sole 24 Ore, 226 + 227 p.

P256 **Maclean, J.L., L.B. Dizon** and **L.V. Hosillos** (eds.), 1986. The first Asian fisheries forum. Proceedings of the First Asian Fisheries Forum, Manila, Philippines, 26-31 May 1986. Manila, The Asian Fisheries Society, 727 p.

P258 **Powles, H.** (ed.), 1987. Research priorities for African aquaculture: report of a workshop held in Dakar, Senegal, October 13-16, 1986. Ottawa, International Development Research Centre, IDRC-MR 149 e: 172 p.

P259 **Ruwet, J. Cl.** (ed), 1987. Aquaculture et développement. (Colloque de Liège - 18 novembre 1986). Cah. Ethol. appl., (7) Fasc.1:1-144

P260 **Tiews, K.** (ed.), 1987. Selection, hybridization and genetic engineering in aquaculture. Proceedings of a World Symposium sponsored and supported by EIFAC and ICES, held in Bordeaux, May 27-30, 1986. Schr.Bundesforschungsanst. Fish., Hamb., (18/19), Vol. 1: 473p., Vol.2: 485 p.

P261 van **Banning, P.** (ed.), 1987. PAMAQ II. Second International Colloquium on Pathology in Marine Aquaculture. Held at the University of Oporto, Portugal, 7-11 September 1986. Aquaculture, 67: 1 - 272 p.

P262 **Verreth, J.A.J.** et al. (eds.) 1987. Investigación acuícola en América Latina/Aquaculture Research in Latin America. Proceedings der Taller de Trabajo sobre Acuícultura en América Latina organisado por el IFS, 20-26 Octubre 1986/Proceedings of the Latin American Seminar on Aquaculture organized by the IFS, 20-26 October 1986.

P263 **Zohar, Y.** and **B. Breton** (eds.), 1988. Reproduction in fish: basic and applied aspects in endocrinology and genetics. Proceedings of the French-Israeli Symposium, Tel-Aviv, Israel, 10-12 November 1986. INRA Colloquia (44): 236 p.

P264 **Anonymous.**, 1987. 1976-1986: dix ans de recherche en aquaculture. Oceanis, (13): 371 p.

1987

P285 **Arnold, C.R., G.J. Holt** and **P. Thomas** (eds.), 1988. Red drum aquaculture. Proceedings of a Symposium on the Culture of Red drum and other Warmwater Fishes. Contributions in Marine Sciences (Texas), (30, Suppl.), 197 p.

P286 **Billard, R.** et **G. Benoit,** 1987. L' aquaculture en agriculture. St. André de Cubzac, Association pour le Développement de l' Aquaculture, Publ. 18, 126 p.

P287 **Crim, L.W.** et al., 1988. Induced spawning of Asian fishes. Proceedings of a Fish Breeding Workshop. Singapore, 7-10 April 1987. Aquaculture, (74): 1-166

P288 **De Pauw, N., E. Jaspers, H. Ackefors** and **N. P. Wilkins** (eds.), 1989. Aquaculture. A biotechnology in progress. Proceedings of the International Conference Aquaculture Europe' 87. Amsterdam, June 2-5, 1987. Bredene, Belgium, European Aquaculture Society, 2 vol. 1222 p.

P289 **De Silva, S. S.** (ed.), 1988. Reservoir fishery management and development in Asia. Proceedings of a workshop held in Kathmandu, Nepal, 23-28 November 1987. Ottawa, Canada, International Development Research Centre (IDRC-264 e): 246 p.

P290 **FONDEPESCA,** 1987. Mejillón, marisco rico en proteinas (proceedings from a meeting on mussel production, Ensenada, Mexico, Nov. 17-19, 1987). Cuajimalpa, Mexico, 462 p.

P291 **Hunt, T.C.** and **A.G. Margetts,** 1987. Immunology and disease control mechanisms in fish. The Fisheries Society of the British Isles Symposium held in Plymouth, Devon, U.K., 20-24 July 1987. J. Fish. Biol. (31, Suppl. A): 261 p.

P292 **Lied, E** (ed.), 1989. International symposium on feeding and nutrition in fish. Bergen, Norway, 23-27 August 1987. Aquaculture, (79): 1-428.

P293 **Mohan Joseph, M.** (ed.), 1988. Proceedings of the First Indian Fisheries Forum. 4-8 December 1987, Mangalore, Karnataka. Mangalore, Asian Fisheries Society, Indian Branch. 494 p.

P294 **Pullin, R.S.V.** (ed.), 1988. Tilapia genetic resources for aquaculture. Proceedings of the Workshop on Tilapia Genetic Resources for Aquaculture, 23-24 March 1987, Bangkok, Thailand. ICLARM. Conf. Proc. 16, 108 p.

P295 **Pullin, R.S.V.** et al. (eds.), 1988. The second international symposium on tilapia in aquaculture. ICLARM Conf. Proc. 15,. 623 p.

P296 **Rosenthal, H.** and **S. Sarig** (eds.), 1990. Research in modern aquaculture. Proceedings of the Third German-Israeli Status Seminar, Tiberias, Israel, April 27 - May 1, 1987. Spec. Publ. Eur. Aquacult. Soc. (11): 285 p.

P297 **Skurdal, J., K. Westman,** and **P.I. Bergan** (eds.), 1989. Crayfish culture in Europe. Report from the Workshop on Crayfish Culture, 16-19 Nov. 1987, Trondheim, Norway. Trondheim, Norwegian Directorate for Nature Management/European Inland Fisheries Advisory Commission, 198 p.

P298 **Anonymous,** 1988. Fisheries education and training in Asia: workshop proceedings. Proceedings of the Workshop on Fisheries Education and Training in Asia, Kitasato University, Sanriku, Iwate, Japan, 16-17 May 1987. Spec. Publ.Asian Fish. Soc., (2): 162 p.

1988

P298.5 **Copland, J.W.** and **J.S. Lucas** (eds.), 1988. Giant clams in Asia and the Pacific. Canberra, Australian Centre for International Agricultural Research, ACIAR Monagr., (9): 274 p

P299 **De Silva, S.S.** (ed.), 1989. Exotic aquatic organims in Asia. Proceedings of a Workshop on Introduction of Exotic Aquatic Organims in Asia. Spec. Publ.Asian Fish. Soc., (3): 154 p.

P300 **De Silva, S.S.** (ed.), 1989. Fish nutrition research in Asia. Proceedings of the Third Asian Fish Nutrition Network Meeting. Spec. Publ.Asian Fish. Soc., (4): 166 p.

P301 **Evans, L.H.** and **D. O'Sullivan** (eds.), 1988. First Australian shellfish aquaculture conference, 1988. Proceedings. Perth, Curtin University of Technology, 390 p.

P302 **Gjedrem, T.** (ed.), 1990. Genetics in aquaculture III. Proceedings of the Third International Symposium on Genetics in Aquaculture, arranged by the Institute of Aquaculture Research and the International Association for Genetics in Aquaculture. Held in Trondheim, Norway, 20-24 June 1988. Aquaculture , (85) : 1-340

P303 **Hernandez, A.R.** (ed.), 1989. Cultivo de Colossoma. Primera Reunion Grupo de Trabajo tecnico, Junio 20 al 24 de 1988, Pirassununga, S.P., Brasil. Bogota, Colombia, SUDEPE/COLCIENCAS, CIID/CANADA, 475 p.

P306 **Keshavanath, P.** and **P.V. Padhakrishnan** (eds.), 1990. Carp seed production technology. Mangalore, Indian Branch Asian Fisheries Society, Spec. Publ., (2): 102 p

P310 **Anonymous,** 1988. Aquaculture engineering: technologies of the future, 1988. Institution of Chemical Engineers (UK), Symp. Ser. (111), 418 p.

P311 **Anonymous,** 1989. Aquacultural research in Asia. Management techniques and nutrition. Proceedings of the Asian Seminar on aquaculture organized by IFS, Malang, Indonesia, 14-18 November 1988. Wageningen, PUDOC, 275p.

P312 **Anonymous,** 1990. Aquaculture international congress and exposition. Congress Proceedings. Vancouver, British Columbia, Canada, September 6-9, 1988. Vancouver, Aquaculture International Congress, British Columbia Pavilion Corp., 677 p.

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P320 **Hirano, R. and I. Hanyu** (eds.), 1990. The second Asian fisheries forum. Proceedings of the Second Asian Fisheries Forum, Tokyo, Japan, 17-22 April 1989. Manila, Asian Fisheries Society, 991 p.

P325 **Miyachi, S., I. Karube and Y. Ishida** (eds.), 1989. Current topics in marine biotechnology. Proceedings of the First International Marine Biotechnology Conference, Sept. 3-6, 1989, Toranomon Pastral, Tokyo, Japan. Tokyo, Japanese Society for Marine Biotechnology, 437 p.

3.5. Meetings held in 1990

P330 **Coche, A.G.** (ed.), 1990. Report of the Symposium on Production Enhancement in Still-Water Pond Culture/Rapport du Symposium sur l'Accroissement de la Production des Elevages Aquacoles dans les Plans d'Eaux Stagnants et peu Profonds. Prague, Czechoslovakia, 15-18 May 1990. EIFAC Tech. Pap./Doc. Tech. CECPI, 53 : 44p.

P335 **Costa-Pierce, B.A.** et al. (eds), 1991. Aquaculture research and development in rural Africa. Proceedings of the Conference on Research for the Development of Tropical Aquaculture Technology appropriate for Implementation in Rural Africa, held in Zomba, Malawi, 2-6 April 1990. ICLARM Conf. Proc., 27.

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PART 4 - BIBLIOGRAPHIES, DIRECTORIES AND GLOSSARIES

4.1 LIST OF BDG SERIES

B005 **Aquaculture Magazine's Buyer's Guide and Industry Directory**, Asheville. Aquaculture Magazine, P.O. Box 2329, Asheville, North Carolina 28802, USA

From: 1972 F: 1/A LT: En
Abbr.: Aquacult.Mag.Buyer's Guide and Ind. Direct.

B006 **Aquatic Sciences and Fisheries Abstracts**, Rome. Fishery Information, Data and Statistics Service, Fisheries Department, FAO, Via delle Terme di Caracalla, 00100 Rome, Italy

From: 1971 F: 12/A LT: En LS: En
Abbr.: ASFA (Aquat.Sci.Fish.Abstr.)

B007 **ASFA Aquaculture Abstracts**, Bethesda. Cambridge Scientific Abstracts, 5161 River Road, Bethesda, Maryland 20816, USA

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Abbr.: ASFA Aquacult.Abstr.
Rem.: Published in cooperation with FAO

B007.5 **Brackishwater Aquaculture Astracts**, Iloilo City. Southeast Asian Fisheries Development Center, Aquaculture Department, Brackishwater Aquaculture Information System, P.O. Box 256, Iloilo City, Iloilo, Philippines

From: 1986 F: 6/A LT: En
Abbr.: Brackishwat. Aquacult. Abst.
Rem.: Formerly "Aquaculture Abstracts" (1979-83) and "Brackishwater Aquaculture Bibliography (vol.1 1984-85)

B007.7 **Canadian Aquaculture Buyers' Guide**, Victoria. Canadian Aquaculture, 4611 William Head Road, Victoria, British Columbia, Canada V8X 3W9

From: 1988 F:1/A LT: En
Abbr.: Can. Aquacult. Buyers' Guide

B008 **Fisheries Review,** Fort Collins. Office of Information Transfer, Data base Section, USFWS, 1025 Pennock Place, Fort Collins, Colorado 80524, USA

From: 1986 F: 4/A LT: En LS: En
Abbr.: Fish.Rev.
Rem.: Supersedes "Sport Fishery Abstracts" (1955-85)

B009 **Freshwater and Aquaculture Contents Tables,** Rome. Fishery Information, Data and Statistics Service, Fisheries Department, FAO, 00100 Rome, Italy

From: 1978 F: 12/A LT: En/Fr/Es/Ru/De
Abbr.: FACT (Freshwat.Aquacult.Contents Tables)
Rem.: A product of the Aquatic Sciences and Fisheries Information System

B009.5 **Indonesian Brackishwater Aquaculture Astracts,** Jepara. Brackishwater Aquaculture Development Centre/Balai Budidaya Air Payau, Directorate General of Fisheries, Jepara, Indonesia

From: 1987 F: irr LT: En/In
Abbr.: Indon. Brackishwat. Aquacult. Abstr.

B010 **International Center for Living Aquatic Resources Management, Bibliographies,** Manila. ICLARM, MCC P.O. Box 1501, Makati, Metro Manila, Philippines

From: 1980 F: irr. LT: En
Abbr.: ICLARM Bibliogr.

B011 **Marine Science Contents Tables,** Rome. Fishery Information, Data and Statistics Service, Fisheries Department, FAO, 00100 Rome, Italy

From: 1966 F: 12/A LT: En/Fr/Es/Ru/De
Abbr.: MSCT (Mar.Sci.Contents Tables)
Rem.: A product of the Aquatic Sciences and Fisheries Information System

B012 **The North American Directory of Aquaculture,** Vancouver. Kevgor Aquasystems, P.O. Box 48851, Vancouver, BC, Canada V7X 1A8

From: 1988 F: irr. LT: En
Abb.: N. Amer. Direct. Aquacult.

B013 **Quick Bibliography Series,** Beltsville. US Department of Agriculture, National Agricultural Library, Beltsville, Maryland 20705, USA

From: 1986 F: irr. LT: En/Fr/Es
Abbr.: Quick Bibliogr.Ser.
Rem.: Print-out of requested computer search on Agricola data base

B014 **Salmon Farming,** Aberdeen. The Librarian, Dept. Agriculture/Fisheries for Scotland, Marine Laboratory, P.O. Box 101, Aberdeen AB9 8DB, Scotland, UK.

From: 1985 F: 12/A LT: En LS: En
Abbr.: Salmon Farming
Rem.: Information review on the Atlantic salmon farming industry

B016 **Shellfish Farming,** Aberdeen. The Librarian, Dept. Agriculture/Fisheries for Scotland, Marine Laboratory, P.O. Box 101, Aberdeen AB9 8DB, Scotland, UK.

From: F: 6/A LT: En LS: En
Abbr.: Shellfish Farming
Rem.: List of literature relating to the farming of molluscs and crustaceans

4.2 BDG PUBLISHED IN 1954-1969

1 9 5 4 - 1 9 6 7

B101 **Mortimer, C.H.,** 1954. Fertilizers in ponds. With additional material and a foreword by C.F. Hickling. Fish.Publ.Colon.Off.Lond., (5):155 p.

B102 **Chimits, P.,** 1955. Tilapia and its culture; a preliminary bibliography. FAO Fish.Bull., 8(1):33 p. Issued also in French and Spanish

B103 **Chimits, P.,** 1957. The tilapias and their culture. A second review and bibliography. FAO Fish.Bull., 10(1): 24 p. Issued also in French

B104 **Benarde, M.A.,** 1961. A partial bibliography on some crabs of commercial importance. FAO Fish.Tech.Pap., (17):8 p.

B105 **Sivalingam, S.,** 1962. Bibliography on pearl oysters. Bull. Fish.Res.Stn., Colombo, (13):21 p.

B106 **Atz, J.W.**, 1964. A working bibliography on rearing larval marine fishes in the laboratory. Res.Rep.U.S.Fish Wildl.Serv., 63:95-102

B107 **Atz, J.W.** and **G.E. Pickford**, 1964. The pituitary gland and its relation to the reprodution of fishes in nature and in captivity. An annotated bibliography for the years 1956-63. La glande pituitaire et ses rapports avec la reproduction des poissons dans la nature et en captivité. Bibliographie annotée pour les années 1956-63. La glándula pituitaria y su relación con la reproducción de peces en estado natural o en cautividad. Bibliografía anotada de los años 1956-63. FAO Fish.Biol.Tech.Pap., (37):61 p.

B108 **Thomson, J.M.**, 1964. A bibliography of systematic references to the grey mullets (Mugilidae). Tech.Pap.Div. Fish.CSIRO Aust., (16):127 p.

B109 **Bergeron, J.**, 1965. Bibliographie du homard (Homarus americanus) Milne-Edwards et Homarus gammarus (L.). Cah.Inf. Stn.Biol.Mar.Grande-Rivière, (34):81 p.

B110 **Pillay, T.V.R.**, 1965. A bibliography of brackishwater fish culture. Bibliographie sur la culture des poissons en eaux saumâtres. Bibliografía sobre piscicultura de aguas salobres. FAO Fish.Circ., (21):20 p.

B110.5 **St. Amant, J.A.** and **M.C. Stevens** (comps), 1967. Bibliography of publications concerning Tilapia mossambica (Peters). Davis, California Department of Fish and Game, 12 p.

1 9 6 8 - 1 9 6 9

B111 **Conroy, D.A.** (comp.), 1968. Partial bibliography on the bacterial diseases of fish. An annotated bibliography for the years 1870-1966. FAO Fish.Tech.Pap., (73):75 p.

B112 **Gerberich, J.B.** and **M. Laird**, 1968. Bibliography of papers relating to the control of mosquitoes by the use of fish. An annotated bibliography for the years 1901-66. FAO Fish.Tech.Pap., (75):70 p.

B113 **Jensen, K.W.** and **J.-L. Gaudet** (comps), 1968. Bibliography on nutritional requirements of salmonoid fishes. Bibliographie sur les besoins nutritifs des salmonidés. EIFAC Occas.Pap., (2):28 p.

B114 **Nair, K.K.** (comp.), 1968. A preliminary bibliography of the grass carp (Ctenopharyngodon idella Valenciennes). FAO Fish.Circ., (302):16 p.

B115 **Thys van den Audenaerde, D.F.E.**, 1968. An annotated bibliography of Tilapia (Pisces, Cichlidae). Doc.Zool.Mus.R. Afr.Cent., (14):406 p.

B116 **Allen, G.H.**, 1969. A preliminary bibliography on the utilization of sewage in fish culture. FAO Fish.Circ., (308):15 p.

4.3 BDG PUBLISHED IN 1970-1979

1 9 7 0

B117 **FAO**, 1970. Current bibliography for aquatic sciences and fisheries. Taxonomic classification. Alphabetic key to 8-digit code/Classification taxonomique. Clé alphabétique pour le code à 8 chiffres/Clasificación taxonómica. Clave alfabetica de la clasificación por 8 cifras. FAO Fish.Tech.Pap., (12)Rev.1:pag.var.

B118 **Lewis, R.D.**, 1970. A bibliography of the lobsters, genus Homarus. Spec.Sci.Rep.U.S.Fish.Wildl.Serv.(Fish.), (591):47 p.

B119 **Marshall, K.E.** and **J.J. Kelcher**, 1970. A bibliography of the lake trout, Cristivomer namaycush (Walbaum) 1929-69. Tech.Rep.Fish.Res.Board Can., (176):60 p.

B120 **Robins, G.L.**, 1970. A bibliography of the pike perch of the genus Stizostedion (including the genus known as Lucioperca). Tech.Rep.Fish.Res.Board Can., (161):67 p.

1 9 7 1

B121 **FAO**, 1971. Directory of fish culture research institutions. FAO Fish.Tech.Pap., (85)Rev.1:119 p.

B123 **Hammack, G.M.**, 1971. Bibliography of aquaculture. Wilmington, N.C., Coastal Plains Centre, Marine Development Service, Publ.71-4, 245 p.

B124 **Marshall K.E.** and **C.S. Woods**, 1971. A bibliography of the Coregonid fishes. Tech.Rep.Fish.Res.Board Can., (151): 63 p.

B125 **May, R.C.**, 1971. An annotated bibliography of attempts to rear the larvae of marine fishes in the laboratory. Tech.Rep.NMFS-SSRF, (632):24 p.

1 9 7 2

B126 **Galtsoff, P.S.**, 1972. Bibliography of oysters and other marine organisms associated with oyster bottoms and estuarine ecology. Boston, Mass., G.K. Hall and Co., 857 p.

B127 **Joyce, E.A. Jr.**, 1972. A partial bibliography of oysters, with annotations. Spec.Sci.Rep.Fla.Dep.Nat.Resour.Mar. Res.Lab., St.Petersburg, (34):846 p.

B128 **Pillay, S.R.**, 1972. A bibliography of the grey mullets family Mugilidae. FAO Fish.Tech.Pap., (109):99 p. (see also refs. B136 and B148)

B129 **Welcomme, R.L.**, 1972. The inland waters of Africa. Les eaux intérieures d'Afrique. CIFA Tech.Pap./Doc.Tech. CPCA, (1):117 p.

1 9 7 3

B130 **Corrigan, L.M.** and **C.E. Purdom**, 1973. Farming marine finfish - a selected bibliography. Fish Farming Int., 1:148-52

B131 **Dangel, J.R.** (comp.), 1973. An annotated bibliography of interspecific hybridization of Salmonidae. FAO Fish. Circ., (133):32 p.

B132 **FAO**, 1973. Supplement to directory of fish culture research institutions. FAO Fish.Tech.Pap., (85)Rev.1, Suppl.1: 5 p.

B133 **Johnston, W.E.** and **D.W. Collinsworth**, 1973. An annotated bibliography for economic evaluations of the aquaculture of selected crustaceans and mollusks. La Jolla, Univ. Calif.Sea Grant Publ., (2):26 p.

B134 **Matthes, H.**, 1973. A bibliography of African freshwater fish. Bibliographie des poissons d'eau douce de l'Afrique. Rome, FAO, 299 p. (see also ref. B149)

B135 **White, D.B.** and **R.R. Stickney**, 1973. A bibliography of flatfish (Pleuronectiformes) research with partial annotations. Tech.Rep.Ser.Ga.Mar.Sci.Cent., (73-6):77 p.

1 9 7 4

B136 **Alvarez-Lajonchere, L.**, 1974. Adiciones a la bibliografía de la Familia Mugilidae (Teleostei) publicada por FAO en 1972. Ciencias (Ser.8 Invest.Mar.), (13):116 p. (see also refs. B128 and B148)

B137 **Jhingran, V.G.** and **V. Gopalakrishnan**, 1974. Catalogue of cultivated aquatic organisms. FAO Fish.Tech.Pap., (130):83 p.

B138 **Rebel, T.P.**, 1974. Sea turtles and the turtle industry of the West Indies, Florida, and the Gulf of Mexico. Coral Gables, University of Miami Press, Rev. ed. Bibliography, pp. 143-236. Previous edition by R.M. Ingle and F.G.W. Smith

B139 **SEAMEO (Southeast Asian Ministry of Education Organization)**, 1974. Checklist of literature on induced fish breeding techniques. Prepared for the Training Course in Induced Fish Breeding Techniques, 3 December 1974-11 January 1975. Bogor, Indonesia, BIOTROP, SEAMEO Regional Center for Tropical Biology, BIOTROP/TAT-1/XII/74:18 p.

B140 **Spohrer, M.L.** et al., 1974. A selected bibliography of the red swamp crayfish, Procambarus clarkii (Girard) and the white river crayfish, P. acutus acutus (Girard). Proc. Int.Crayfish Symp., (2):637-61

B141 **Van Tine, M.** and **S.C. Snedaker**, 1974. A bibliography of the mangrove literature. Prepared for the International Symposium on Biology and Management of Mangroves, 8-11 October 1974. East-West Center, Honolulu, Hawaii. Gainesville, Florida, University of Florida, 153 p.

B142 **Wong, B.** et al., 1974. Water quality management in fish culture, with specific references to channel catfish - an annotated bibliography. Davis, University of California, Department of Civil Engineering, 68 p.

1 9 7 5

B143 **Colt, J., G. Tchobanoglous** and **B. Wong**, 1975. The requirements and maintenance of environmental quality in the intensive culture of channel catfish. An annotated bibliography. Davis, University of California, Department of Civil Engineering, 126 p.

B144 **De March, B.** et al., 1975. A compilation of literature pertaining to the culture of aquatic invertebrates, algae and macrophytes. Vol.2. Tech.Rep.Fish.Mar.Serv.Can., (576):31 p.

B145 **Hepher, B.** and **J.-L. Gaudet**, 1975. Bibliography on nutritional requirements of warm-water fishes. Bibliographie sur les besoins nutritifs des poissons vivant en eaux chaudes. EIFAC Occas.Pap./Doc.Occas.CECPI, (10):87 p.

B146 **Jiannee, A.** (comp.), 1975. Preliminary bibliography of fish and fisheries with special reference to shrimps and prawns. IPFC Occas.Pap., (1975/3):136 p.

B147 **Librero, A.R. et al.**, 1975. An annotated bibliography of studies in aquaculture. Los Baños, Philippines Council for Agriculture and Resources Research, 139 p.

1 9 7 6

B148 **Alvarez-Lajonchere, L.**, 1976. Segunda adición a la bibliografía de la Familia Mugilidae (Teleostei) publicada por FAO en 1972. Ciencias (Ser.8 Invest.Mar.), (23):80 p. (see also refs. B128 and B136)

B149 **Ardizzone, G.D.**, 1976. A bibliography of African freshwater fish. Supplement 1 (1968-75). Bibliographie des poissons d'eau douce de l'Afrique. Supplément 1 (1968-75). CIFA Occas.Pap./Doc.Occas.CPCA, (5):40 p. (see also ref. B134)

B150 **Bell, F.W.** and **E.R. Canterbery**, 1976. Economics bibliography by species. In Aquaculture for the developing countries: a feasibility study, edited by F.W. Bell and E.R. Canterbery. Cambridge, Mass., Ballinger Publishing Co., pp.249-61

B152 **Hastings, L.B.**, 1976. Index to the taxonomic names in Edwin A. Joyce (Jr.), 1972, a partial bibliography of oysters, with annotations. Spec.Sci.Rep.Fla.Dep.Nat.Resour.Mar. Res.Lab., St.Petersburg, (34)Suppl.:40 p.

B153 **Horseman, L.O.**, 1976. An indexed bibliography of the striped bass, Morone saxatilis, 1670-1976. Bull.Ichthyol. Assoc.Inc., Ithaca, (13):118 p.

B154 **Kernehan, R.J.**, 1976. A bibliography of early life stages of fishes. Bull.Ichthyol.Assoc.Inc., Ithaca, (14): 190 p.

B155 **Martin, R.** (comp.), 1976. Annotated biological bibliography for aquaculture. In Aquaculture for the developing countries: a feasibility study, edited by F.W. Bell and E.R. Canterbery. Cambridge, Mass., Ballinger Publishing Co., pp.153-247

B156 **Vondruska, J.**, 1976. Aquacultural economics bibliography. NOAA Tech.Rep.NMFS (Spec.Sci.Rep.-Fish.Ser.), (703): 124 p.

1 9 7 7

B157 **Alderman, D.J.**, 1977. An annotated bibliography of the effects of water quality on shellfish cultivation. Lib.Inf.Leafl.Minist.Agric.Fish.Food Div.Fish.Res.G.B., (2):41 p.

B158 **Clay, D.**, 1977. Biology of the tropical catfish (Family: Clariidae) with special emphasis on its suitability for culture (including a bibliography of the Clariidae and related topics). Manuscr.Rep.Fish.Mar.Serv.Biol.Stn.St. Andrews, N.B., (1458):68 p.

B159 **Donaldson, E.M.**, 1977. Bibliography of fish reproduction 1963-1974. Part 1: General, nonteleostean species and Teleostei, Abramis to Clinostomus; Part 2: Teleostei, Clupea to Ompok; Part 3: Teleostei, Oncorhynchus to Zygonectes and Addendum. Tech.Rep.Fish.Mar.Serv.Can., (732):572 p.

B160 **Huguenin, J.E.** and **S.S. Huguenin** (comps), 1977. A marine shrimp culture bibliography. In Shrimp and prawn farming in the western hemisphere, edited by J.A. Hanson and H.L. Goodwin. Stroudsburg, Pa., Dowden, Hutchinson and Ross, Inc., pp.128-91

B161 **Htun-Han, M.**, 1977. The effects of photoperiod on reproduction in fishes; an annotated bibliography. Lib.Inf. Leafl.Minist.Agric.Fish.Food Dir.Fish.Res.G.B., (6): 30 p.

B162 **Parker, N.C.** and **M.C. Broussard Jr.**, 1977. Selected bibliography of water re-use systems for aquaculture. College Station, Texas, Texas A & M University, Agricultural Experiment Station, (MP no. 1314):34 p.

B163 **Sinderman, C.J.** (ed.), 1977. References to diseases in marine aquaculture. Books, reviews and bibliographies. In Disease diagnosis and control in North American marine aquaculture, edited by C.J. Sinderman. Amsterdam, Elsevier, Developments in aquaculture and fisheries science, (6):311-3

B164 **Solangi, M.A.** and **J.T. Ogle** (comps), 1977. A selected bibliography on the mass propagation of rotifers with emphasis on the biology and culture of Brachionus plicatilis. Gulf Res.Rep., 6(1):59-68

B165 **Trimble, W.C.** and **P.A. Sandifer** (comps), 1977. Bibliography. The biology and culture of the freshwater prawn (genus Macrobrachium). In Shrimp and prawn farming in the western hemisphere, edited by J.A. Hanson and H.L. Goodwin. Stroudsburg, Pa., Dowden, Hutchinson and Ross, Inc., pp. 385-439

B166 **Ziesler, R.** and **G.D. Ardizzone**, 1977. Las aguas continentales de América Latina. The inland waters of Latin America. COPESCAL, Doc.Tec./COPESCAL Tech.Pap., (1): 171 p.

1 9 7 8

B167 **Brown, R.J.** (ed.), 1978. Oyster utilization, biology and growth; a bibliography with abstracts. Search period covered 1964-September 1978. Springfield, Virginia, National Technical Information Service, 349 p.

B169 **Foncham, A.A.** and **P.J. Warren**, 1978. A selected bibliography of references to shrimps and prawns (Crustacea, Decapoda, Natantia). Lib.Inf.Leafl.Minist.Agric.Fish. Food Dir.Fish.Res.G.B., (8):173 p.

B170 **Kopinski, E.** (comp.), 1978. A partially annotated bibliography of commercially exploited scallops (Pectinidae, Rafinesque 1815). FAO Fish.Circ., (716):158 p.

B171 **Leopold, M.** (comp.), 1978. Glossary of inland fishery terms. Glossaire de termes utilisés dans le domaine des pêches intérieures. EIFAC Occas.Pap./Doc.Occas.CECPI, (12):126 p.

B172 **Mann, J.A.**, 1978. Diseases and parasites of fishes: an annotated bibliography of books and symposia, 1904-1977. Fish Dis.Leafl.U.S.Fish Wildl.Serv., (53):28 p.

B173 **Pettigrew, T.** et al., 1978. A review of water reconditioning re-use technology for fish culture, with a selected bibliography. Tech.Rep.Fish.Mar.Serv.Can., (801):19 p.

B173.5 **Powers, L.W.**, 1978. A catalog and bibliography to the crabs Brachyura of the Gulf of Mexico. Contrib.Mar.Sci., (20) Supl.1:1-190

B174 **Rosenthal, H.**, 1978. Bibliography on transplantation of aquatic organisms and its consequences in aquaculture and ecosystems. Spec.Publ.Eur.Maricult.Soc., (3):146 p.

B175 **Santerre, M.T.** et al. (eds), 1978. A computerized selected bibliography on relevant aspects of the aquaculture of unicellular and filamentous algae. Honolulu, Department of Planning and Economic Development, pag.var.

1 9 7 9

B176 **ASEAN**, 1979. Preliminary directory of ASEAN aquaculture research and training institutions. Manila, Philippines, South China Sea Fisheries Development and Coordinating Programme, ASEAN 77/FA.Eg.A/Rept.4, 72 p.

B176.5 **Capaya, D.T.** (comp.), 1979. International bibliography on azolla. Los Baños, Laguna, Library and Documentation Center, International Rice Research Institute, 66 p.

B177 **FAO**, 1979. A selected bibliography on the economic aspects of aquaculture, 1969-79. FAO Fish.Circ., (702)Rev.1: 39 p.

B178 **Hopkins, M.L.** and **E.W. McCoy**, 1979. Annotated bibliography on the economics of aquacultures. Auburn, Alabama, Auburn University, Department of Fisheries and Allied Aquaculture, 64 p.

B179 **Landi, G.**, 1979. Initials and acronyms of bodies, activities and projects concerned with fisheries and aquatic sciences/Initiales et sigles des organismes, activités et projets liés à la pêche et aux sciences aquatiques /Iniciales y siglas de organismos, actividades y proyectos relacionados con la pesca y las ciencias acuáticas. FAO Fish.Circ., (110)Rev.3:111 p.

B180 **Little, E.C.S.**, 1979. Handbook of utilization of aquatic plants. A review of world literature. FAO Fish.Tech. Pap., (187):176 p.

B181 **Smith, P.E.** and **S.L. Richardson**, 1979. Selected bibliography on pelagic fish eggs and larvae surveys. Bibliographie selectionnée sur les prospections d'oeufs et de larves de poissons pélagiques. Bibliografía seleccionada sobre reconocimientos de huevos y larvas de peces pelágicos. FAO Fish.Circ./FAO Circ.Pêches/FAO Circ. Pesca, (706):97 p.

B183 **Therezien, Y.**, 1979. Catalogue de références sur Chanos chanos (Forskaal). Bull.Sci.Tech.INRA, (7):55 p.

B184 **Ziesler, R.** (comp.), 1979. Bibliografía sobre los peces de agua dulce de América Latina. Bibliography of Latin American freshwater fish. COPESCAL Doc.Tec./COPESCAL Tech.Pap., (2):187 p.

4.4 BDG PUBLISHED IN 1980-1989

1 9 8 0

B185 **Breisch, L.L.** and **V.S. Kennedy** (eds), 1980. A selected bibliography of worldwide oyster literature. College Park, University of Maryland, Sea Grant Publ. UM-SG-TS-80-11, 315 p.

B186 **Folmar, L.C.** and **W.W. Dickhoff**, 1980. The parr-smolt transformation (smoltification) and seawater adaptation in salmonids. A review of selected literature. Aquaculture, 21:1-37

B187 **Holthuis, L.B.**, 1980. FAO species catalogue. Vol.1. Shrimps and prawns of the world. An annotated catalogue of species of interest to fisheries. FAO Fish.Synop., (125)Vol.1:261 p.

B188 **Kawano, T.** and **S.M. Kamel**, 1980. A bibliography on copepods culture. Salmiya, Kuwait Institute of Scientific Research, Mariculture Fisheries Department, 10 p.

B189 **Kawano, T.** and **S.M. Kamel**, 1980. A bibliography of rotifers. Salmiya, Kuwait Institute of Scientific Research, Mariculture Fisheries Department, 18 p.

B190 **Matilda, C.E.** and **B.J. Hill**, 1980. Annotated bibliography of the portunid crab Scylla serrata (Forskaal). Tech.Rep.Queensl.Fish.Serv., (3):17 p.

B191 **New, M.B.**, 1980. A bibliography of shrimp and prawn nutrition. Aquaculture, 21:101-28

B192 **New, M.B.**, 1980. El potencial del cultivo de Macrobrachium en Latino-América. Rev.Latino-Am.Acuicult., 6:25-37

B193 **Sorgeloos, P.** et al. (comps), 1980. Updated bibliography on the brine shrimp Artemia. Spec.Publ.Eur.Maricult.Soc., (5):274 p.

B194 **Temprosa, R.M.** and **Z.H. Shehadeh** (comp.), 1980. Preliminary bibliography on rice-fish culture. ICLARM Bibliogr., (1):20 p.

1 9 8 1

B195 **Barlow, C.G.** and **D. Turnbull** (comp.), 1981. Egg incubation and larval rearing of marine teleosts: a bibliography. Ottawa, International Development Research Centre, (IDRC-MR 52e):32 p.

B196 **Brusle, J.** and **C. Roblin**, 1981. Le loup Dicentrarchus labrax: revue de la littérature. J.Rech.Océanogr., 6:23-36

B197 **FAO**, 1981. Selected terms in fish culture/Choix de termes de pisciculture/Términos de piscicultura. FAO Terminol. Bull., (19):151 p. (Arabic equivalents also included)

B198 **Göhl, B.**, 1981. Tropical feeds. Feed information summaries and nutritive values. FAO Anim.Prod.Health Ser., (12): 529 p. 2nd ed. (see also ref. B115)

B199 **Krenicki, C.** and **B.M. Edel** (eds), 1981. Sea Grant publications index 1980. Narragansett, University of Rhode Island, 249 p.

B200 **Kuhns, J.F.**, 1981. Fishdrug/TXT: a computer generated bibliographic index of the drugs and chemicals used in treating fish diseases. Part 1. J.Aquaricult., 2(1):4-18

B201 **Kuhns, J.F.**, 1981. Fishdrug/TXT: a computer generated bibliographic index of the drugs and chemicals used in treating fish diseases. Part 2. J.Aquaricult., 2(2):29-43

B202 **Kuhns, J.F.**, 1981. Fishdrug/TXT: a computer generated bibliographic index of the drugs and chemicals used in treating fish diseases. Part 3. J.Aquaricult., 2(3):45-58

B202.1 **Kuhns, J.F.**, 1981. Fishdrug/TXT: a computer generated bibliograhic index of the drugs and chemicals used in treating fish diseases. Part 4. J.Aquaricult., 2(4):90-102

B203 **Lai, C.F.** and **L.C. Huang**, 1981. A bibliography of Tilapia (Family Cichlidae) in Taiwan. Aquaculture, 22:389-94

B204 **Liewes, E.W.**, 1981. The bibliography of Anguilla spp. (Pisces Teleostei). Stirling, Institute of Aquaculture, 2 vols:471 p.

B205 **Papst, M.H.** et al., 1981. Current bibliography of publications on waste heat utilization in aquaculture. Can. Manuscr.Rep.Fish.Aquat.Sci., (1598):17 p.

B206 **Ramsingh, D.C., W.E. Vanstone** and **D. Turnbull** (comps), 1981. Chanos chanos (the milkfish): a bibliography. Ottawa, International Development Research Centre, (IDRC-MR 44e):65 p.

B206.3 **Ridelman, J.M.,** 1981. Bibliography for salmonid maturation workshop. In Salmonid broodstock maturation. Proceedings of workshops held at Seattle, Washington, 20-22 May 1980 and 11 March 1981. Seattle, Washington, Sea Grant Marine Advisory Program Publication, (WSG-WO-80-1):87-92

B206.6 **Rollet, B.** (comp.), 1981. Bibliography on mangrove research 1600-1975. Paris, Unesco, 479 p.

B206.8 **Smith, G.** (comp.), 1981. Aquaculture and fish. Annot. Bibliogr.Commonw.Agric.Bur.U.K., (F21):96 p.

B207 **Welcomme, R.L.** (comp.), 1981. Register of international transfers of inland fish species/Registre des transferts internationaux d'espèces de poissons des eaux continentales/Registro de transferencias internacionales de especies de peces de aguas continentales. FAO Fish. Tech.Pap., (213):120 p.

1 9 8 2

B208 **Charlon, N.** (comp.), 1982. Stades préleptocéphale, leptocéphale et civelle du genre Anguilla. Bibliographie (1829-1980). FAO Circ.Pêches, (738):45 p.

B209 **Emory, L.,** 1982. Aquaculture audio-visual films catalog. Bethesda, Maryland, American Fisheries Society, 12 p.

B210 **Encarnación, E.N.** (comp.), 1982. Aquaculture economics abstracts. Laguna, Philippines, Asian Regional Center for Graduate Study and Research in Agriculture, 205 p.

B211 **Göhl, B.,** 1982. Piensos tropicales. Resumenes informativos sobre piensos y valores nutritivos. Colecc.FAO:Prod. Sanid.Anim., (12):550 p. 2a ed. (see also ref. B098)

B212 **Mahar, C.** and **A. Sindoro** (comps), 1982. Bibliography on Macrobrachium and Penaeus. Bogor, Indonesia, BIOTROP, SEAMEO Regional Center for Tropical Biology, BIOTROP/CL.H/82/499, 41 p.

B213 **Mann, J.A.** et al., 1982. Fish culture. An annotated bibliography of publications of the National Fisheries Center Leetown 1972-1980. Kearneysville, US Fish Wildlife Service, (FWS/NFC-L/82-1):124 p.

B214 **Matilda, C.E.,** 1982. Annotated bibliography of the Australian freshwater crayfish (Family Parastacidae). Bibliogr.Queensl.Dep.Primary Ind., (QG 2001):20 p.

B215 **McHugh, J.L.** et al. (eds), 1982. Annotated bibliography of the hard clam (Mercenaria mercenaria). NOAA Tech.Rep. NMFS (Spec.Sci.Rep.-Fish.Ser.), (756):845 p.

B216 **Pedini, M.**, 1982. Lista provisional de acuicultores latinoamericanos. A provisional list of Latin American aquaculturists. FAO Circ.Pesca/FAO Fish.Circ., (323)Rev.2: 33 p.

B217 **Pellizzato, M.** and **M. Scattolin** (comps), 1982. Materiali per una bibliografia sulla Laguna et sul Golfo di Venezia. Chioggia, Co.S.P.A.V., 174 p.

B218 **Pinter, K.**, 1982. A selected bibliography on Hungarian works on the sheatfish (Silurus glanis L.). Aquacult. Hung., (3):207-211

B219 **Quillet, E.** and **D. Camaret**, 1982. Elevage des daurades. Synthèse bibliographique. Publ.Assoc.Dév.Aquacult., Cestas, (9):98 p.

B220 **Sarria, J.P.**, 1982. Fisheries bibliography. Volume 1 (1976-1982). Laguna, Philippines, Southeast Asian Regional Center for Graduate Study and Research in Agriculture, 268 p.

B221 **Schoenen, P.** (comp.), 1982. A bibliography of important tilapias (Pisces: Cichlidae) for aquaculture. ICLARM Bibliogr., (3):336 p. (see also refs. B240 and B265)

B223 **Smith, G.** (comp.), 1982. Aquaculture and fish. 2. Annot. Bibliogr.Commonw.Agric.Bur.U.K., (F28):291 p. (see also refs. B206.8 and B232)

B225 **Teugels, G.G.**, 1982. A systematic outline of the African species of the genus Clarias (Pisces: Clariidae), with an annotated bibliography. Ann.Sci.Zool.Mus.R.Afr. Cent., (236):249 p.

B226 **Vincke, P.** (comp.), 1982. Catfishes of the genus Clarias - a general bibliography. FAO Fish.Circ., (739):38 p.

1 9 8 3

B227 **Coche, A.G.** (comp.), 1983. The cultivation of fish in cages. An indexed bibliography 1965-1983. FAO Fish.Circ., (714)Rev.1:61 p.

B227.5 **FAO/Unesco/UN**, 1983. International directory of marine scientists. A product of the joint FAO/IOC/UN (OETB) Aquatic Sciences and Fisheries Information System (ASFIS) with support from Unesco. 3rd edition. Rome/Paris, FAO/Unesco, 173 p.

B228 **Farmer, A.S.D.** and **J.E. Docksey**, 1983. A bibliography of the marine and maritime environment of the Arabian Gulf and Gulf of Oman. Kuwait Bull.Mar.Sci., (4):121 p.

B229 **Forbes, J.B.** and **C.N. Bebee,** 1983. Literature for United States aquaculture: 1970-1982. USDA Bibliogr.Lit. Agric., (28):288 p.

B230 **Hickman, R.W.** (comp.), 1983. Annotated bibliography of New Zealand marine mussels (Mytilidae) 1880-1982. Occas. Publ.Fish.Res.Div.Minist.Agric.Fish.N.Z., (40):44 p.

B231 **National Agricultural Library,** 1983. Major aquaculture associations, education and research resources in the United States. USDA Bibliogr.Lit.Agric., (26):174 p.

B232 **Ridout, L.M.** (comp.), 1983. Aquaculture and fish. 3. Annot.Bibliogr.Commonw.Agric.Bur.U.K., (F34):397 p. (see also refs. B206.8 and B223)

B233 **SEAFDEC, Aquaculture Department, Library and Documentation Services** (comp.), 1983. Milkfish bibliography. SEAFDEC Bibliogr.Ser., (3):174 p.

B234 **Smith, C.R.** and **J.V. Shireman,** 1983. White amur bibliography. Misc.Pap.Aquat.Plant Control Res.Program U.S. Army Corps Eng.Environ.Lab., Vicksburg, Miss., (A-83-7): 179 p.

B235 **UNEP, Mediterranean Action Plan, Priority Actions Programme,** 1983. Aquaculture. Directory of Institutions and experts in the Mediterranean region/Aquaculture. Répertoire des institutions et experts dans la région méditerranéenne. Split, Priority Actions Programme Regional Activity Centre, 187 p.

1 9 8 4

B238 **FAO,** 1984. Directory of agricultural education and training institutions in Africa. Rome, FAO, 352 p. Issued also in French

B240 **Schoenen, P.** (comp.), 1984. A bibliography of important tilapias (Pisces: Cichlidae) for aquaculture. Oreochromis macrochir, O. aureus, O. hornorum, O. mossambicus, O. niloticus, Sarotherodon galilaeus, Tilapia rendalli and T. zillii. ICLARM Bibliogr., (3)Suppl.1:191 p. (see also refs. B221 and B265)

1 9 8 5

B250 **Coze, A.S.** (comp.), 1985. Bibliography of Latin American and Caribbean freshwater species. COPESCAL Occas.Pap., (2):64 p.

B255 **McCourt, R.P. and P. Lavens,** 1985. The brine shrimp Artemia bibliography. Ghent, Belgium, Artemia Reference Centre, 458 p.

B256 **Mileo, A.T.,** 1985. Tesauro de terminos para ciencias acuáticas y pesqueras (traducción del "Thesaurus of terms for aquatic sciences and fisheries"). COPESCAL Doc.Téc., (3):202 p.

B258 **Munro, J.L.** and **W.J. Nash** (comps), 1985. A bibliography of the giant clams (Bivalvia: Tridacnidae). ICLARM Bibliogr., (5):26 p.

B261 **Philippine Council for Agriculture and Resources Research and Development,** 1985. State of the art and abstract bibliography of shrimps and prawn researches. PCARRD Fish.State Art Abstr.Ser., (5):102 p.

B265 **Schoenen, P.** (comp.), 1985. A bibliography of important tilapias (Pisces: Cichlidae) for aquaculture. Oreochromis variabilis, O. andersonii, O. esculentus, O. leucostrictus, O. mortimeri, O. spilurus niger, Sarotherodon melanotheron, and Tilapia sparmanii. ICLARM Bibliogr., (6):99 p. (see also refs. B221 and B240)

B269 **SEAFDEC,** Aquaculture Department, Library and Documentation Services (comp.), 1985. Sugpo and other Philippine penaeids. SEAFDEC Bibliogr. Ser., (4): 128 p.

B270 **SEAFDEC, Aquaculture Department, Library and Documentation Services** (comp.), 1985. Mud crab bibliography. SEAFDEC Bibliogr.Ser., (5):52 p.

B273 **UNEP/FAO,** 1985. Directory of marine environmental centres in Mediterranean. UNEP Regional Seas Directories and Bibliographies. 3rd edition. Rome, FAO, 302 p.

1 9 8 6

B274 **Buensuceso, R.T.** et al. (comp.), 1986. Mussel abstracts. SEAFDEC Bibliogr. Ser., (7): 102 p.

B275 **FAO,** 1986. A provisional list of inland fisheries and aquaculture specialists in the Indo-Pacific Region. FAO Fish. Circ., (796): 67 p.

B276 **Fagetti, E., D.W. Privett** and **J.R.L. Sears** (comps), 1986. Aquatic sciences and fisheries thesaurus. Descriptors used in the Aquatic Sciences and Fisheries Information System. ASFIS Ref.Ser., (6)Rev.1:423 p.

B277 **Krane, W.**, 1986. Five-language dictionary of fish, crustaceans and molluscs. New York, Van Nostrand Reinhold, 476 p.

B280 **Ortega, R.S.** and **R.P. Graboso**, 1986. Sea bass abstracts. SEAFDEC Bibliogr.Ser., (6):156 p.

B285 **SEAFDEC** (comp.), 1986. Directory of fishery scientists and technologists in Southeast Asia. Bangkok, SEAFDEC Secretariat, 255 p.

1 9 8 7

B290 **Crossman, E.J.** and **J.M. Casselman**, 1987. An annotated bibliography of the pike, Esox lucius (Osteichthyes: Salmoniformes). Toronto, Royal Ontario Museum, 386 p.

B295 **Rosenthal, H.** and **Wilson, J.S.**, 1987. An updated bibliography (1945-1986) on ozone, its biological effects and technical applications. Can. Tech. Rep. Fish. Aquat. Sci., (1542): 249 p.

B298 **van der Tuin, J.D.** (comp.), 1987. Elsevier's dictionary of water and hydraulic engineering. In English, French, Spanish, Dutch and German. Amsterdam, Elsevier Science Publishers, 466 p.

B300 **Zamora, D.V., W.P. Gabuelo** and **A.T. Arisola** (comp.), 1987. Grouper abstracts. SEAFDEC Bibliogr. Ser., (8): 95 p.

B301 **Anonymous**, 1987. Directorio Español de acuicultura. Madrid, Centro de Proceso de Datos M.E.C., 434 p.

1 9 8 8

B305 **Coche, A.G.** (comp.), 1988. Aquaculture in marine waters. A list of selected reference books and monographs, 1957 - 1987. FAO Fish. Circ., (723) Rev.3: 35 p

B306 **Coche, A.G.** (comp.), 1988. Aquaculture in fresh waters. A list of selected reference books and monographs, 1957-1987. FAO Fish. Circ., (724) Rev.3: 37 p

B310 **Hanfman, D.T.** et al. (comp.), 1988. Aquaculture in the Caribbean Basin: a bibliography (1970-88). USDA Bibliogr. Literat. Agricult. (71): 71 p.

B315 **SEAFDEC**, 1988. Directory of brackishwater aquaculture institutions. Tigbauan, Philippines, SEAFDEC/AQD, Brackishwater Aquaculture Information Systems, 89 p.

B316 **SEAFDEC**, 1988. Directory of brackishwater aquaculture scientists. Tigbauan, Philippines, SEAFDEC/AQD, Brackishwater Aquaculture Information Systems, 82 p.

B317 **SEAFDEC**, 1988. Milkfish abstracts. Iloilo, Philippines, SEAFDEC/AQD, Brackishwater Aquaculture Information Systems, 104 p.

1 9 8 9

B320 **Carigma, M.A.** and **R. G. Morales** (comp.), 1989. Directory of educational and training opportunities in fisheries and aquaculture. Rome/Manila, FAO/ICLARM, 46 p.

B324 **Joncheere, H., L. Aspeslagh**, and **S. Boni** (comp.), 1989. International aquaculture trade directory. Bredene, Belgium, European Aquaculture Society, 254 p.

B327 **McVey, E.M.** et al. (eds.), 1989. Practical aquaculture literature. II. A bibliography. USDA Bibliogr. Literat. Agricult. (75): 175 p.

B328 **Meckdumrongrak, N.** and **S. Kitchaluksana** (comp.), 1989. Regional bibliography on fisheries and aquaculture in Southeast Asia. 1986. Bangkok, SEAFDEC Secretariat, Document SEC/SP/23: 147 p.

B332 **Thia-Eng, C.** et al. (comp.), 1989. Directory of institutions and scientists in the ASEAN Region involved in research and/or management related to coastal areas. Manila, ICLARM, 373 p.

B335 **Turnbull, D.**, 1989. Keyguide to information sources in aquaculture. London, Mansell Publishing, 137 p.

B338 **Anonymous**, 1989. Dictionnaire de l'océan. Français - anglais - allemand - espagnol. Paris, Lavoisier,762 p.

4.5. BDG Published in 1990

B340 **Coche, A.G.** (comp.), 1990. A list of selected FAO publications related to aquaculture, 1966-1989. FAO Fish. Circ. (744), Rev. 2. 60 p.

B345 **Hanfman, D.T.** et al. (comp.), 1990. Aquaculture in the Northeast Pacific: a bibliography. USDA Bibliogr. Literat. Agricult., (93) : 76 p.

B347 **Kitchaluksana**, S. (comp.), 1990. Regional bibliography on fisheries and aquaculture in Southeast Asia. 1987. Bangkok, SEAFDEC Secretariat, Doc. SEC/SP/24, 136 p.

B350 **Organisation for Economic Cooperation and Development**, 1990. Multilingual dictionary of fish and fish products. Oxford, Fishing News Books/Blackwell Scient. Publ., 442 p.3rd. ed.

B355 **Saint-Paul, U.** (comp.), 1990. Aquaculture in Latin America. Bibliography. Spec. Publ. Eur, Aquacult. Soc., (13).

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